

LOAN DOCUMENT

PHOTOGRAPH THIS SHEET

①

INVENTORY

AD-A243 630



DTIC ACCESSION NUMBER

LEVEL

USAFETAC/DS 91/167
DOCUMENT IDENTIFICATION
Feb 87

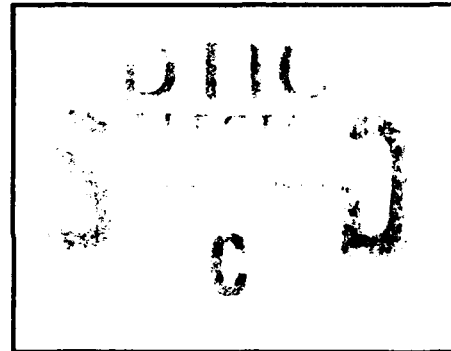
DTIC
Distribution Unit

DISTRIBUTION STATEMENT

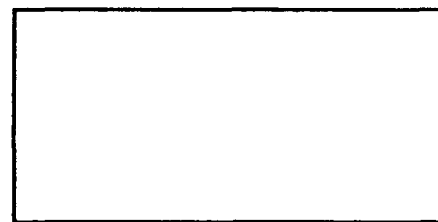


ACCESSION FOR	
NTIS	GR&I <input checked="" type="checkbox"/>
DTIC	TRAC <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION	<input type="checkbox"/>
BY	
DISTRIBUTION/	
AVAILABILITY CODES	
DISTRIBUTION	AVAILABILITY AND/OR SPECIAL
A-1	

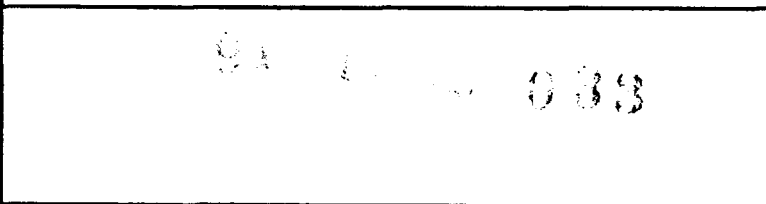
DISTRIBUTION STAMP



DATE ACCESSIONED



DATE RETURNED



DATE RECEIVED IN DTIC

91-16775



REGISTERED OR CERTIFIED NUMBER

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-FDAC

H
A
N
D
L
E

W
I
T
H

C
A
R
E

AD-A243 630

UNCLASSIFIED
DATE 08-19-2010



OPERATING LOCATION - A

USAFETAC

Air Weather Service (MAC)



SPECIAL CLIMATIC SUMMARY

AVON PARK (RNG) FL MSC #747960
N 27 39 W 081 20 ELEV: 68 FT AGR

PARTS A - F HOURS SUMMARIZED: VARIABLE

PERIOD OF RECORD:

HOURLY OBSERVATIONS: 4312-4509, 6412-7012,
7301-8603

SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST: -5

FOR UNIT C.UTION
SEE FIRST PAGE

"Approved for public release;
Distribution is Unlimited."

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

USE WITH CAUTION
SEE FIRST PAGE

REPORT DOCUMENTATION PAGE

2. Report Date: Feb 1987
3. Report Type and Dates Covered: Special Climatic Summary (LISOCs) Dec 43-Mar 86
4. Title: Limited Surface Observations Climatic Summaries for Avon Park, Florida, MSC 747960
7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723
8. Performing Organization Report Number: USAFETAC/DS--91/167
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
- This report contains
13. Abstract: → A Limited Surface Observations Climatic Summaries (LISOCs) for Avon Park, Florida. See USAFETAC/TN-83/001 (AD-132186) for a complete description of the RUSSWO and its contents, as well as instructions for use.
14. Subject Terms: → CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, ^{cover} CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, → RELATIVE HUMIDITY, AVON PARK, FLORIDA
15. Number of Pages: 396
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

Standard Form 298

→ atmospheric temperature, atmospheric precipitation, and barometric pressure are included. →

A

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-91/167, Limited Surface Observations Climatic Summaries (LISOCs) for Avon Park, Florida, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

FOR THE COMMANDER

A handwritten signature in dark ink, appearing to read 'Walter S. Burgmann', with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information
Program Manager

REPORT DOCUMENTATION PAGE

2. Report Date: Feb 1987
3. Report Type and Dates Covered: Special Climatic Summary (LISOCs) Dec 43-Mar 86
4. Title: Limited Surface Observations Climatic Summaries for Avon Park, Florida, MSC 747960
7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723
8. Performing Organization Report Number: USAFETAC/DS--91/167
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: A Limited Surface Observations Climatic Summaries (LISOCs) for Avon Park, Florida. See USAFETAC/TN-83/001 (AD-132186) for a complete description of the RUSSWO and its contents, as well as instructions for use.
14. Subject Terms: CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, RELATIVE HUMIDITY, AVON PARK, FLORIDA
15. Number of Pages: 396
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

All values within this Avon Park (RNG) FL Special Summary must be used with extreme caution. These summaries were derived from extremely limited hourly surface data--limited both in hours of operation and number of days per month. Additionally, our Quality Assurance of these hourly data gave insight to serious inconsistencies within the observations, especially at shift change times. The lack of the Summary of Day (SOD) data further limits this climatic summary. Due to the significant bias induced by the limited data, we recommend any distribution of these data be held to an absolute minimum.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCs)

USE WITH CAUTION!
SEE FIRST PAGE

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description precedes each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

Part 1: Weather Conditions

Part 2: Surface Winds

Part 3: Ceiling Versus Visibility; Sky Cover

Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity

Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV. (FT.)		CALL SIGN		WMO NUMBER	
747960		AVON PARK RANGE FLORIDA AAF		N 27 39		W 081 20		68 FT		AGR		74796	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD FT	HT. BARO.	
1	Avon Park Range Florida	AAF	Feb 45	Sep 45	N 27 39	W 081 21	N/A	69 FT	12-20
2	Same	Same	Dec 64	Oct 67	N 27 38	W 081 20	66 FT	N/A	
3	Same	Same	Oct 67	Jun 68	N 27 38	W 081 20	65 FT	N/A	
4	Same	Same	Jul 68	Dec 75	N 27 38	W 081 20	75 FT	N/A	
5	Same	Same	Jan 76	Jan 76	N 27 39	W 081 20	78 FT	N/A	
6	Same	Same	Feb 76	Aug 86	N 27 39	W 081 20	68 FT	N/A	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 68	Located 100 Ft NW of weather station	GMQ-11	RO-2	17 FT	
2	Apr 69	Same	Same	Same	Same	
3	Nov 78	Same	Same	Same	Same	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

WEATHER CONDITIONS

747960

AVON PARK (RNG) FL

77-86

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02							100.0	100.0			100.0	1
	03-05	.5	6.4				6.4	43.6	2.7			44.7	188
	06-08		5.7		.1		5.8	49.3	7.2			52.5	669
	09-11	.1	5.1				5.1	26.9	18.5			39.4	687
	12-14	.4	5.2				5.2	5.2	14.7			19.3	674
	15-17	.2	3.1				3.1	2.1	10.7			12.0	608
	18-20	.4	2.7				2.7	1.1	10.7			11.8	262
	21-23		3.4				3.4	8.0	11.4			14.8	88
TOTAL'S		.2	4.0		.0		4.0	29.5	22.0			36.8	3177

WEATHER CONDITIONS

74796J

AVON PARK (RNG) FL

77-86

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02							18.5	4.6			23.1	65
	03-05		4.5				4.5	50.5	5.5			52.5	200
	06-08	.5	3.8				3.8	53.8	8.5		.5	57.7	626
	09-11	.8	5.1				5.1	18.3	23.0		.5	37.6	651
	12-14	.8	5.3				5.3	3.7	14.4		.2	17.8	623
	15-17	.3	3.5				3.5	2.3	10.5			12.4	574
	18-20	.3	2.4				2.4	1.8	11.9			13.1	728
	21-23		1.1				1.1	6.2	12.9			19.1	178
TOTALS		.3	3.2				3.2	19.4	11.4		.2	29.2	3245

WEATHER CONDITIONS

747960

AVON PARK (RNG) FL

77-86

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		22.2				22.2	5.6	27.8			33.3	18
	03-05		2.8				2.8	45.0	6.9			47.7	218
	06-08	.9	3.9				3.9	49.3	11.4			52.4	696
	09-11	.6	4.0				4.0	12.5	15.7			23.8	726
	12-14	.7	3.7				3.7	1.6	7.2			8.4	699
	15-17	.2	4.2				4.2	2.0	4.5			6.2	646
	18-20	.5	3.6				3.6	1.6	4.1			5.8	365
	21-23	.7	3.5				3.5		4.9			4.9	144
TOTALS		.5	6.0				6.0	14.7	10.3			22.8	3512

WEATHER CONDITIONS

747960

AVON PARK (RNG) FL

77-86

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02							28.9	2.6			31.6	38
	03-05	.4	4.6				4.6	37.6	5.1			40.5	237
	06-08		3.1				3.1	36.2	11.9			42.2	647
	09-11	.6	3.4				3.4	2.2	6.9			9.0	667
	12-14	.8	3.8				3.8	.3	2.1			2.4	656
	15-17	2.3	4.6				4.6	.3	.8			1.2	606
	18-20	.9	2.4				2.4	.6	2.1			2.7	330
	21-23		.8				.8	4.7	1.6			5.5	127
TOTALS		.6	2.8				2.8	13.9	4.1			16.9	3308

WEATHER CONDITIONS

747960

AVON PARK (RN6) FL

77-86

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02							5.3	10.5			10.5	19
	03-05	.5	2.4				2.4	42.0	9.6			47.0	417
	06-08	.4	2.5				2.5	41.9	26.4			55.0	673
	09-11	1.0	2.5				2.5	2.4	13.6			15.0	667
	12-14	3.9	4.3				4.3	.3	6.5			6.8	644
	15-17	5.3	6.4				6.4		3.7			3.7	561
	18-20	7.4	8.0				8.0	1.4	.6			2.0	349
	21-23	1.4	2.2				2.2	2.2	2.2			4.3	139
TOTALS		2.5	3.5				3.5	11.9	9.1			18.0	3469

747960

AVON PARK (RNG) FL

77-86

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		3.1				3.1		12.5			12.5	32
	03-05	.2	1.2				1.2	44.6	14.1			51.2	426
	06-08	.3	1.6				1.6	36.5	19.0			44.9	679
	09-11	.9	2.6				2.6	1.2	10.9			11.6	681
	12-14	6.3	6.8				6.8	.3	7.6			7.7	662
	15-17	14.9	13.8				13.8	.5	8.5			9.0	565
	18-20	14.4	16.8				16.8	.3	5.9			6.2	340
	21-23	2.6	9.7				9.7	.6	7.8			8.4	154
TOTALS		5.0	7.0				7.0	10.5	10.8			18.9	3539

747960

AVON PARK (RNG) FL

77-86

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02							6.3				6.3	16
	03-05	.5						29.2	9.6			33.7	407
	06-08							26.2	11.4			31.6	668
	09-11	.3	.6				.6	1.5	8.8			9.5	671
	12-14	9.4	7.2				7.2		8.1			8.1	652
	15-17	21.0	16.5				16.5		7.4			7.4	552
	18-20	15.7	14.7				14.7	2.3	6.2			7.7	389
	21-23	5.0	5.6				5.6	4.3	8.1			10.6	161
TOTALS		6.5	5.6				5.6	8.7	7.5			14.4	3516

WEATHER CONDITIONS

747960

AVON PARK (RNG) FL

77-86

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02								8.7			8.7	23
	03-05	.9	.9				.9	21.1	5.9			23.5	455
	06-08	.3	1.2				1.2	26.0	10.6			29.6	695
	09-11	.7	2.0				2.0	.4	3.7			3.9	697
	12-14	8.7	8.7				8.7		2.5			2.5	676
	15-17	19.2	13.1				13.1		2.8			2.8	573
	18-20	17.4	14.3				14.3	1.4	2.0			3.4	356
	21-23	1.9	3.8				3.8	.6	1.3			1.9	157
TOTALS		6.1	5.5				5.5	6.2	4.7			9.5	3632

747960

AVGN PARK (RNG) FL

76-85

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STGRMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		6.3				6.3	6.3				6.3	16
	03-05		1.7				1.7	36.7	9.0			39.0	354
	06-08		2.2				2.2	42.1	17.8			47.6	594
	09-11	.2	2.7				2.7	3.4	9.1			10.5	593
	12-14	5.2	8.4				8.4	1.0	7.3			8.2	574
	15-17	11.1	15.7				15.7	.7	7.5			8.2	451
	18-20	9.2	13.5				13.5	.8	3.6			4.4	251
	21-23	2.0	5.9				5.9	1.0	2.0			3.0	101
TOTALS		3.5	7.1				7.1	11.5	7.0			15.9	2934

WEATHER CONDITIONS

747960

AVON PARK (RNG) FL

76-85

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02							64.7				64.7	17
	03-05		1.0				1.0	41.4	5.4			43.4	389
	06-08		.9				.9	43.4	9.3			46.5	654
	09-11	.3	1.8				1.8	5.0	10.4			13.7	665
	12-14	.3	3.6				3.6	.3	4.2			4.6	659
	15-17	1.6	5.0				5.0		2.1			2.1	580
	18-20	2.1	2.4				2.4	.9	3.4			4.3	328
	21-23		2.3				2.3	8.1	2.3			9.3	86
TOTALS		.5	2.1				2.1	20.5	4.6			23.6	3378

747960

AVON PARK (RNG) FL

76-85

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02							33.3				33.3	6
	03-05	.5	3.8				3.8	44.9	5.4			45.9	105
	06-08	.2	3.6				3.6	55.6	8.8			57.8	590
	09-11		3.1				3.1	12.6	13.6			23.6	618
	12-14	.2	5.7				5.7	2.3	7.0			8.8	611
	15-17	.7	7.4				7.4	2.0	4.8			6.7	538
	18-20	1.6	6.6				6.6	5.4	6.2			10.1	257
	21-23		1.2				1.2	8.3	1.2			9.5	84
TOTALS		.4	3.9				3.9	20.6	5.9			24.5	2889

WEATHER CONDITIONS

747960

AVON PARK (RNG) FL

76-85

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02							40.0				40.0	10
	03-05	.6	10.3				10.3	51.6	2.6			51.6	155
	06-08	.3	6.7				6.7	51.0	7.2			53.1	612
	09-11		5.3				5.3	21.0	16.8			32.5	637
	12-14	.2	4.4				4.4	3.6	10.0			12.6	618
	15-17	.4	5.3				5.3	2.8	5.0			7.4	543
	18-20	.4	4.0				4.0	6.3	4.4			9.9	252
	21-23		1.4				1.4	10.8	2.7			13.5	74
TOTALS		.2	4.7				4.7	23.4	6.1			27.6	2901

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 76-86 ALL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	4.0		.0		4.0	29.5	22.0			36.8	3177
FEB		.3	3.2				3.2	19.4	11.4		.2	29.2	3245
MAR		.5	6.0				6.0	14.7	10.3			22.8	3512
APR		.6	2.8				2.8	13.9	4.1			16.9	3308
MAY		2.5	3.5				3.5	11.9	9.1			18.0	3469
JUN		5.0	7.0				7.0	10.5	10.8			18.9	3539
JUL		6.5	5.6				5.6	8.7	7.5			14.4	3516
AUG		6.1	5.5				5.5	6.2	4.7			9.5	3632
SEP		3.5	7.1				7.1	11.5	7.0			15.9	2934
OCT		.5	2.1				2.1	20.5	4.6			23.6	3378
NOV		.4	3.9				3.9	20.6	5.9			24.5	2889
DEC		.2	4.7				4.7	23.4	6.1			27.6	2901
TOTALS		2.2	4.6		.0		4.6	15.9	8.6		.0	21.5	39500

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

USE PREVIOUS EDITION
SEE FIRST PAGE

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 82
 MONTH: JAN HOURS(LST): 0000-0200

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-32	34-40	41-47	48-50	GE 56	TOTAL	MEAN WIND
N													
NNE													
NF													
ENE													
E													
ESE													
SE													
ESF													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM												103.6	////
TOTALS												100.0	.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-80
MONTH: JAN HOURS(IST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	11.2	12.3	6.4									30.3	4.5
NNE	.5	1.6										2.1	4.8
NE													
NNE		.5										.5	6.0
E	1.1		.5									1.6	5.0
ESE	.5	.5										1.1	4.0
SE	.5	.5										1.1	4.5
SSE	.5	.5										.5	4.0
S	1.6		1.6		.5							3.7	7.6
SSW	.5	.5										1.1	3.5
SW		1.1										1.1	4.5
WSW	.5											.5	2.0
W	.5	.5	1.1									2.1	6.3
WNW	.5	.5										1.1	4.0
NW	1.1	1.1										2.1	2.8
NNW	1.6	6.9	1.6									10.1	4.7

VARIABLE

CALM

TOTALS

41.0

20.2 27.1 11.2 .5 100.0 2.8

TOTAL NUMBER OF OBSERVATIONS: 168

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(IST): 0600-0800

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	10.9	10.2	5.1	.1								26.3	4.3
NNE	.6	1.6										2.2	4.3
NE	.4	.6										1.0	4.6
ENE	.1											.1	2.0
E	.3		.4									.7	5.4
ESE	.3	.1										.4	3.3
SE	.4	.1										.6	3.3
SSE	.4	.7	.3	.4								1.9	6.5
S	1.6	1.5	1.2	.1								4.6	4.9
SSW	.3	.4	.6	.1	.1							1.6	7.5
SW		.4	.4									.9	6.7
WSW	.7	.6	.1									1.5	3.7
W	.7	.3	.3									1.3	4.0
WNW	1.0	1.2	.3	.3								2.8	5.2
NW	.9	.3			.1							1.3	4.6
NNW	4.2	3.6	1.0	.3	.1							9.3	4.5

VARIABLE

CALM

TOTALS

43.0

100.0 2.6

TOTAL NUMBER OF OBSERVATIONS: 609

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFLTAAC
 AIR FATHER SERVICE/MAC

STATION NUMBER: 747367 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(IST): 0900-1100

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	7.0	8.0	6.8	1.2								23.0	5.6
NNE	2.6	4.1	3.2	.3								10.2	5.6
NE	.7	1.3	.7									2.8	5.2
ENE	.6	.4	.4									1.5	4.8
E	.9	.7	.9	.4								2.9	6.5
ESE	.6	.3	.1									1.0	3.6
SE	.6	.1										.7	2.8
SSE	2.0	1.0	1.2	.3								4.5	4.9
S	2.2	3.6	3.9	1.5								11.2	6.7
SSW	.3	.3	1.6	.1								2.3	7.4
SW	.6	.4	1.0	.3								2.3	6.5
WSW	1.2	.3	.1									1.6	3.1
W	.9	.9	.9	.3								2.9	6.1
WNW	.9	.6	1.2	.4								3.1	6.7
NW	1.6	.6	1.7	.1								4.1	5.5
NNW	4.4	4.5	3.3	.3								12.5	4.9

VARIABLE

CALM	26.9	27.2	27.2	5.2	13.4	4.9
TOTALS						

TOTAL NUMBER OF OBSERVATIONS: 687

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS (LST): 1200-1400

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.8	4.2	4.2	.4								10.5	6.1
NNE	1.9	2.7	2.5	.6								7.7	5.9
NE	.3	1.5	1.3	.7								3.9	7.3
ENE	.1	.9	1.5	.3								2.8	7.2
E	1.8	1.9	1.6	.3								5.6	5.4
ESE	1.5	.3	1.0	.3								3.1	5.3
SF	.6	.7		.1								1.5	4.7
SSE	1.2	.7	2.2	.4								4.6	6.7
S	1.3	2.4	4.0	2.2								9.9	8.1
SSW	1.2	1.0	1.5	.7								4.5	7.0
SW	.4	.9	1.3	.3	.1							3.1	7.4
WSW	.9	.4	1.2	.6								3.1	6.9
W	1.9	3.0	2.1	1.2	.1							8.3	6.5
WNW	1.9	2.2	2.5	.3								7.0	5.6
NW	1.9	2.7	1.9	.3								6.8	5.8
NNW	2.5	4.6	3.7	.6								11.4	5.8

VARIABLE

CALM	21.4	30.1	32.6	9.5	.3							6.1	////
TOTALS												100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-90
 MONTH: JAN HOURS(LST): 1500-1700

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	3.9	4.1	3.0	.3								11.3	4.9
NNE	1.5	2.8	2.1	.7								7.1	6.0
NE	.5	1.3	1.0	.3								3.1	6.5
ENE	1.5	1.0	2.0	.5								4.9	6.3
E	1.3	1.3	2.0	.7								5.3	5.4
ESE	1.5	1.5	1.3									4.3	4.9
SE	.7	.7	.2									1.5	3.6
SSE	.5	1.5	2.1	.2								4.3	6.7
S	2.1	1.3	2.0		.2							5.6	5.5
SSW	1.5	1.3	.5	.5	.3							4.1	6.2
SW	.3	.5	1.3	.7	.2							3.0	8.8
WSW	.8	1.2	.8	.2								3.0	5.7
W	1.5	2.3	2.5	1.5								7.7	7.0
WNW	2.8	3.0	2.3	.3	.2							8.6	5.5
NW	1.8	2.6	2.3	.3								7.1	5.5
NNW	3.8	5.8	2.0	.7								12.2	5.0

VARIABLE

CALM

TOTALS

26.0 32.1 27.3 6.7 .8 7.1 107.0 5.4

TOTAL NUMBER OF OBSERVATIONS: 608

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(UT): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	TOTAL	MEAN WIND
N	5.3	3.8	.4									9.5	3.3
NNE	1.5	2.3	.4									4.2	4.5
NE	1.9	1.5										3.4	3.6
ENE	1.5	.8	.4									2.7	3.7
E	1.9	1.9										3.8	3.4
ESE	.4	1.5										1.9	4.0
SE	.4											.4	1.0
SSE	1.1	.8										1.9	3.0
S	1.1	1.1										2.3	3.7
SSW	.8	.8	.4	1.5								3.4	7.6
SW	.8	2.3	.8									3.8	5.2
WSW	1.1											1.1	1.7
W	4.6	3.4	1.5									9.5	4.0
NNW	4.2	1.5	2.3	.4								8.4	4.5
NW	1.9	.8		.8								3.4	4.6
NNW	1.5	1.9	.4									3.8	4.1

VARIABLE

CALM	36.3	////
TOTALS	30.2	24.4 6.5 2.7

TOTAL NUMBER OF OBSERVATIONS: 262

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-79, 81-86
MONTH: JAN HOURS (LST): 2100-2300

		WIND SPEED IN KNOTS										TOTAL	MEAN WIND
DIRECTION (DEGREES)		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	WIND
N		1.1	5.7									6.8	4.8
NNF		5.7	1.1	1.1								8.0	3.3
NE		1.1	1.1									2.3	3.5
ENE		1.1	2.3									3.4	3.7
E		1.1	1.1									2.3	3.5
ESE		1.1										1.1	2.0
SE		2.3	1.1									3.4	3.0
SSE			1.1									1.1	4.0
S		2.3										2.3	3.0
SSW			2.3		2.3							4.5	9.3
SW		2.3	1.1	1.1								4.5	3.8
WSW			1.1									1.1	5.0
W		2.3	1.1									3.4	3.3
NNW		2.3	3.4	2.3								8.0	4.7
NW		1.1	2.3	2.3								5.7	5.4
NNW		1.1	3.4									4.5	4.5

VARIABLE												
CALM		////////////////////										37.5
TOTALS		25.0	28.4	6.8	2.3							100.0

TOTAL NUMBER OF OBSERVATIONS: 88

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-2	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	6.1	6.8	4.4	.4								17.7	5.0
NNE	1.7	2.6	1.7	.3								6.4	5.5
NE	.6	1.1	.6	.2								2.6	5.9
ENE	.6	.6	.8	.2								2.2	5.9
E	1.1	1.0	1.0	.3								3.5	5.7
ESE	.9	.6	.5	.1								2.0	4.7
SE	.6	.4	.0	.0								1.1	3.7
SSE	1.0	.9	1.2	.3								3.4	6.0
S	1.8	2.0	2.4	.8	.1							7.1	6.6
SSW	.8	.9	.9	.5	.1							3.1	7.0
SW	.4	.8	.9	.3	.1							2.4	6.9
WSW	.9	.5	.5	.2								2.0	5.1
W	1.5	1.7	1.4	.6	.0							5.2	6.0
WNW	1.8	1.7	1.5	.3	.0							5.4	5.5
NW	1.5	1.4	1.3	.2	.0							4.5	5.4
NNW	3.3	4.5	2.2	.4	.0							10.5	5.0

VARIABLE

CALM	24.6	27.4	21.5	5.0	.3	21.1	////
TOTALS						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 3177

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 90-93,86
 MONTH: FEB HOURS(IST): 0000-0200

		WIND SPEED IN KNOTS										TOTAL	MEAN
DIRECTION (DEGREES)		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	WIND
N		10.8	3.1									13.8	3.0
NNE		1.5	1.5									3.1	3.5
NE													
ENE		3.1										3.1	1.5
E		1.5	1.5									3.1	2.5
ESE													
SE		3.1										3.1	2.0
SSE		1.5										1.5	2.0
S		1.5			1.5							3.1	7.0
SSW		4.6										4.6	2.3
SW		1.5										1.5	3.0
WSW		1.5										1.5	2.0
W		1.5										1.5	2.0
WNW		3.1	1.5									4.6	2.7
NW		4.6	1.5									6.2	3.3
NNW		6.2	3.1	1.5								10.8	4.1

VARIABLE													
CALM	//////////////////// 38.5 //												
TOTALS	46.2	12.3	1.5	1.5								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 65

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	11.5	9.5	3.5									24.5	4.1
NNE	3.5	2.0	1.0									6.5	4.1
NLE	.5											.5	2.0
FNE	1.0											1.0	1.0
E	.5											.5	3.0
ESE	1.0											1.0	2.5
SE													
SSE													
S	4.0	.5	1.5	.5								6.5	4.8
SSW		1.5										1.5	4.7
SW	1.0	.5										1.5	3.3
WSW	2.0	1.0										3.0	3.0
W	1.5	1.5	.5									3.5	4.0
WNW	1.5		.5									2.0	3.0
NW	3.0		2.0									5.0	4.1
NNW	4.0	3.5	.5									8.0	3.8

VARIABLE

CALM	35.0	20.0	9.5	.5								35.0	2.6
TOTALS	35.0	20.0	9.5	.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-85
 MONTH: FEB HOURS(IST): 0600-0600

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	10.9	6.7	3.7	.3								21.6	4.0
NNE	2.7	1.8	.5	.2								5.1	3.8
NE	1.1	.5	.2									1.8	3.4
ENE	.5											.6	2.5
E	1.8	.2										1.9	2.2
ESE	.6	.2	.2									1.0	3.2
SE	.5	.6										1.1	4.0
SSE	.6	.3	.6	.2								1.8	5.7
S	3.5	1.3	1.1	.2								6.1	4.3
SSW	.8	.6	.5	.2								2.1	4.8
SW	.3	.3	.2	.2								1.0	5.7
WSW	.8	1.3										2.1	3.8
W	2.1	1.3	.6									4.0	4.2
WNW	1.7	.3	1.0	.2								2.4	5.5
NW	.5	.2	.5									1.1	5.0
NNW	2.2	2.7	1.8	.2								6.9	5.2

VARIABLE

CALM	39.6	////
TOTALS	30.0	16.2 10.7 1.4

TOTAL NUMBER OF OBSERVATIONS: 626

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNO) FL

PERIOD OF RECORD: 77-80
MONTH: FEB HOURS(LST): 0900-1100

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	3.7	7.2	7.2	1.4								19.5	6.2
NNE	2.0	5.5	4.1									11.7	5.9
NE	1.1	1.4	1.4									3.9	5.2
ENE	1.1	1.1	.8	.2								3.1	5.4
E	.6	1.1	.6									2.3	5.4
ESE	.6	1.1	.5	.2								2.3	5.2
SE	.3	.2	.6	.3								1.4	7.2
SSE	.8	2.2	2.6	1.4	.2							7.1	7.8
S	.9	2.0	3.4	2.2								8.4	8.0
SSW	.9	1.2	.6	.3	.2							3.2	6.1
SW	.3	2.0	.6	.5								3.4	6.3
WSW	.9	.8	1.1	.5								3.2	6.5
W	.6	1.1	1.4	.3								3.4	6.5
WNW	.9	1.1	.6	.2								2.8	5.3
W	.9	1.7	2.9	.5								6.0	6.8
NNW	1.4	2.9	4.1	.5								8.9	6.5

VARIABLE

CALM	17.1	32.4	32.6	8.1	.3							9.5	5.8
TOTALS	17.1	32.4	32.6	8.1	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNO) FL PERIOD OF RECORD: 77-85
 MONTH: FEB HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	1.8	3.7	5.8	.8							12.0	6.7
NNE	1.4	2.9	3.5	.5							8.3	6.4
NE	1.0	1.8	1.8	.3	.3						5.1	6.8
ENE	.6	2.1	1.1	.3							4.2	6.2
E	.6	2.1	1.0	.5							4.2	6.0
ESE	1.3	1.1	.8	.3							3.5	5.5
SE	.3	1.0	.3								1.6	4.7
SSE	.5	1.4	1.6	2.1	.2						5.8	9.5
S	.8	2.1	3.0	2.9	.2						9.0	8.8
SSW	.8	1.3	2.1	.5							4.7	7.0
SW	.6	1.1	1.3	1.4							4.5	8.4
WSW	.8	.9	1.3	.8							3.7	7.8
W	1.3	2.1	2.9	1.0		.2					7.4	7.5
WNW	.3	2.6	1.8	1.3							5.9	7.6
NW	1.0	2.2	2.7	.6							6.6	7.0
NNW	1.3	5.6	4.3	.5	.2						11.9	6.4

VARIABLE											
CALM	////////////////////										1.6
TOTALS	14.4	33.9	35.3	13.8	.8	.2					100.0

TOTAL NUMBER OF OBSERVATIONS: 623

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RND) FL PERIOD OF RECORD: 77-96
 MONTH: FEB HOURS(LST): 1500-1700

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	5.3	6.3	3.7	.3								13.6	5.3
NNE	.9	3.8	2.3	.7								7.7	6.3
NE	.3	1.6	1.2	1.0								4.2	7.6
NNE	.5	1.7	1.7	.5								4.5	6.8
E	.9	1.2	1.4	.5								4.0	6.7
ESE	1.4	1.7	1.2									4.4	4.8
SE		.2										.2	5.0
SSE	.3	1.2	.9	1.0	.2							3.7	8.5
S	1.0	3.0	4.0	.7								8.7	6.8
SSW	.7	1.0	1.4	.2								3.3	6.4
SW	.2	1.9	1.0	1.2								4.4	7.6
WSW	.5	1.6	1.7	.5								4.4	7.0
W	.9	3.5	2.1	1.2								7.7	6.9
WNW	.9	3.8	2.1	1.2								8.0	6.7
NW	2.4	2.8	2.3	.2								7.7	5.5
NNW	1.6	6.4	2.3	.7								11.0	5.7

VARIABLE

CALM	////////////////////	2.8	////
TOTALS	15.9 41.8 29.3 10.1 .2	100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 574

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/AFAC
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-96
 MONTH: FEB HOURS(IST): 1800-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	WIND
N	3.7	2.1	2.1									8.0	4.5
NNE	3.1	.9	1.8	.9								5.7	5.5
NE	.6	1.5	1.5	.3								4.0	6.5
ENE	2.4	1.5	.9									4.9	3.8
E	2.1	3.7	.6									6.4	4.2
ESE	.9	.3										1.2	3.5
SE		.3	.3									.6	7.0
SSE	.9	.3	1.8									3.1	6.0
S	2.4	.9	.9	.3								4.6	4.3
SSW	.9	.6	.3	.3								2.1	5.4
SW	.9	2.8	.3									4.0	4.0
WSW	1.2	2.4	.9	.3								4.9	5.4
W	4.3	2.1	1.8	.3								9.5	4.7
WNW	4.6	2.9	1.8									9.2	4.2
NW	1.8	2.1	.9									4.9	4.4
NNW	1.8	.3	.3									2.4	3.1

VARIABLE	////	////	////	////	////	////	////	////	////	////	////	23.5	////
CALM	////	////	////	////	////	////	////	////	////	////	////	100.0	3.6
TOTALS	31.8	25.7	16.5	2.4									

TOTAL NUMBER OF OBSERVATIONS: 327

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 74756J STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-94,36
 MONTH: FEB HOURS(IST): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	4.5	1.1										5.6	2.6
NNE	5.1	2.2										7.3	2.9
NNE	4.5	2.2										6.7	2.9
ENE	2.8	.6										3.4	2.3
E	2.2											2.2	2.0
ESE	1.1											1.1	1.0
SE	.6	.6										1.1	2.5
SSE	1.1	.6	.6	1.1								2.8	7.0
S	1.7	.6	.6	.6								3.4	5.3
SSW	1.7	.6	.6									2.2	3.0
SW	1.1	.6										1.7	2.7
WSW	2.8	1.7										4.5	2.6
W	8.4	1.1										9.6	2.2
WNW	5.1	1.7	.6									7.3	2.8
NW	2.2		.6									2.8	3.0
NNW	1.1	3.4	.6									5.1	4.2

VARIABLE

CALM	//////////	33.1	//////
TOTALS	46.1 15.7 3.4 1.7	100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 178

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL 4	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	5.3	5.5	4.3	.6							15.7	5.1
NNE	2.2	3.1	2.3	.3							7.8	5.5
NE	1.0	1.3	1.0	.3	.1						3.6	5.8
ENE	1.1	1.1	.8	.2							3.1	5.2
E	1.1	1.3	.6	.2							3.2	5.0
ESE	1.0	.8	.5	.1							2.3	4.7
SE	.3	.4	.2	.1							1.0	5.1
SSE	.6	1.0	1.3	1.0	.1						4.0	9.0
S	1.8	1.7	2.4	1.3	.0						7.2	6.8
SSW	.9	1.0	.9	.2	.0						3.1	5.9
SW	.5	1.4	.6	.6							3.1	6.6
WSW	1.0	1.2	.9	.4							3.5	5.9
W	1.9	1.9	1.5	.5		.0					5.9	5.8
WNW	1.5	1.8	1.3	.5							5.1	5.7
NW	1.5	1.5	1.8	.2							5.1	5.8
NNW	1.8	3.8	2.5	.3	.0						9.6	5.7

VARIABLE												
CALM	////////////////////										17.5	////
TOTALS	23.6	28.9	23.0	6.8	.2	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 3244

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77,8J-82
 MONTH: MAR HOURS(IST): 0000-0200

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N											5.6	5.6	9.0
NNE													
NE	11.1										11.1	11.1	2.0
ENE	5.6										5.6	5.6	2.0
E													
ESE		5.6									5.6	5.6	2.0
SE													
SSE													
S	5.6										5.6	5.6	1.0
SSW													
SW			5.6								5.6	5.6	7.0
WSW													
W	5.6										5.6	5.6	2.0
WNW													
NW													
NNW													

VARIABLE

CALM	55.6	////
TOTALS	33.3	11.1
	100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 18

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(IST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	8.3	4.6	1.4	.5								14.7	3.7
NNE	3.7	.9										4.6	2.7
NE	.9	.9										1.8	3.0
ENE			.5									.5	8.0
E	.9			.5								1.4	5.7
ESE	.5	.5	.5									1.4	4.7
SE	.5											.5	2.0
SSE	1.4	1.8	.5	.5								4.1	5.4
S	2.3	1.4		1.4								5.0	5.9
SSW	2.8	.5	.5	.5								4.1	4.3
SW	1.8											1.8	2.3
WSW	.5	.9										1.4	4.3
W	2.3	.5	.5									3.2	3.1
WNW	1.4	1.4										2.8	3.5
NW	.9	.9										1.5	2.8
NNW	2.8	1.8										4.6	3.1

VARIABLE

CALM	46.3	////
TOTALS	30.7	16.1 3.7 3.2 100.0 2.1

TOTAL NUMBER OF OBSERVATIONS: 216

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 74790J STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	10.1	6.3	2.3	.4							19.1	4.1
NNE	2.7	1.6	.3								4.6	3.4
NE	1.3	1.1	.6	.1							3.2	4.7
ENE	1.0	.4	.1	.3							1.9	4.6
E	.6	.7									1.3	3.4
ESE	.7	.4	.1								1.3	3.6
SE	.6	.6	.1								1.3	4.1
SSE	1.4	1.6	.7								3.7	4.7
S	3.7	3.4	1.7	.1							9.1	4.5
SSW	1.0	1.1	.6	.6							3.3	5.8
SW	.6	.7	.3	.3							1.9	6.0
WSW	1.0	.7	.6								2.3	4.4
W	1.6	1.1	.6	.1							3.4	4.3
WNW	1.0	.9	.9								2.7	5.0
NW	.7	.3	.3								1.3	4.1
NNW	2.3	1.7	.7	.1							4.9	4.2

VARIABLE	30.3	22.8	9.9	2.2	34.8	2.9
CALM						
TOTALS						

TOTAL NUMBER OF OBSERVATIONS: 696

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAP HOURS(IST): J9JC-1100

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.7	3.3	4.0	1.8								10.7	7.0
NNE	.6	2.3	3.6	.6								7.0	7.0
NE	1.1	1.2	1.2	.1								3.7	5.3
ENE	1.2	1.4	3.0	1.2								6.9	7.3
E	1.4	1.7	2.2	.6								5.8	6.2
ESE	.7	1.8	1.7	.6								4.7	6.7
SE	.7	.7	1.0	.1								2.5	5.6
SSE	1.1	1.4	3.4	2.3	.3							8.5	8.4
S	1.7	2.6	5.0	3.0								12.3	8.1
SSW	1.1	1.4	1.9	.3								4.7	6.1
SW	.7	1.7	2.1	1.4								5.8	7.7
WSW	.8	.8	1.1	.1								2.9	5.9
W	1.0	.4	1.5	.3								3.2	6.3
WNW	.3	1.1	1.1	.8								3.3	7.7
NW	1.1	1.4	1.0	.3								3.7	5.3
NNW	1.5	3.4	2.3	.7								9.7	5.8

VARIABLE

CALM
TOTALS

16.5 26.6 36.1 14.2 .3 6.3 100.0 6.5

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-80
MONTH: MAR HOURS(IST): 1200-1400

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.0	2.3	2.7	.0								6.6	6.6
NNE	1.3	2.3	2.1	.4								5.9	6.5
NE	.7	1.4	1.1	.6								3.9	6.9
ENE	1.0	1.6	1.9	1.3								5.7	7.2
E	.7	1.3	2.4	.9								5.3	7.4
ESE	1.6	1.0	2.4	.4								5.4	6.4
SE	.7	.4	1.1									2.3	5.3
SSE	.4	2.3	3.4	1.4	.1							7.7	8.0
S	1.7	2.7	6.4	3.1	.1							14.2	8.1
SSW	.6	1.9	1.9	.3								4.6	6.9
SW	.3	1.1	2.3	.4	.1							4.3	8.2
WSW	.7	1.9	2.7	.9								6.2	7.8
W	1.1	1.7	2.4	.9								6.2	7.5
WNW	1.9	1.6	1.1	1.0								5.6	6.1
NW	.6	1.7	.9	.9								4.0	7.3
NNW	1.6	3.7	3.0	.1								8.4	5.6

VARIABLE

CALM	15.6	28.9	38.1	13.2	.4							3.9	6.8
TOTALS												100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 699

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.0	1.9	2.2	.3							6.3	5.7
NNE	1.2	2.0	1.5	.5							5.3	6.2
NE	1.1	1.4	2.3	.3							5.1	6.8
ENE	.8	2.2	2.9	1.2							7.1	7.5
E	1.7	2.2	2.5	1.1							7.4	6.7
ESE	1.1	1.4	1.2	.8							4.5	6.6
SE	.8	.5	.9	.2							2.3	6.0
SSE	.9	1.5	2.8	1.2							6.5	7.4
S	1.9	2.9	5.4	.8							11.0	6.9
SSW	.9	1.5	1.7	.2							4.3	6.3
SW	.8	.8	1.9	.3							3.7	7.0
WSW	.6	2.2	1.1	.9							4.8	6.9
W	2.3	1.1	3.6	1.5	.2						8.7	7.3
WNW	3.4	1.5	2.8	.8							8.5	5.9
NW	1.4	1.5	.9	.5							4.3	5.6
NNW	1.7	3.4	1.7	.2							7.0	5.0

VAR IAFLE												
CALM	////////////////										3.1	////
TOTALS	22.6	28.0	35.4	10.7	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.5	1.4	.3									4.1	3.3
NNF	.5	.8	.3									1.6	4.5
NE	.8	5.8	2.2	.3								9.0	5.8
ENE	1.6	4.7	2.5									8.9	5.5
E	3.3	5.2	1.4									9.9	4.4
ESE	1.4	1.6	2.5									5.5	6.0
SE	.5	.8	.3									1.6	4.3
SSE	.5	1.4	3.0	.6								5.8	7.6
S	1.6	1.6	2.7									6.0	5.4
SSW	.5	.5	.3									1.4	3.8
SW	1.1	.5	.3									1.9	3.6
WSW	2.2	1.6	1.4									5.2	4.4
W	3.0	3.0	1.4									7.4	4.0
WNW	3.6	3.3	2.7									9.6	4.8
NW	1.4	.3										1.6	2.8
NNW	.8	.8	.5									2.2	4.8

VARIABLE

CALM	16.4	////
TOTALS	25.5	33.4
	21.6	1.1
	100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 365

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (R46) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(IST): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (UPPER CASE)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.4	.7										2.1	2.3
NNE	2.8	2.1										4.9	3.4
NE	4.9	3.5										8.3	3.3
ENE	4.2	.7										4.9	2.3
E	3.5	1.4										4.9	2.3
ESE	7.6	1.4										9.0	2.4
SE	1.4	.7										2.1	3.0
SSE		1.4	2.6									4.2	6.8
S	1.4	3.5										4.9	3.9
SSW	.7	1.4										2.1	3.7
SW	.7	.7	1.4									2.8	5.0
WSW	2.8		.7									3.5	3.2
-	5.6	2.1										7.6	2.8
WNW	3.5	2.1										5.6	3.3
N4	1.4	2.1										3.5	3.6
NNW		.7	1.4									2.1	8.0

VARIABLE

CALM	41.7	24.3	6.2	27.8	2.5
TOTALS	41.7	24.3	6.2	100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 144

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL													PERIOD OF RECORD: 77-50				ALL	
													MONTH: MAR				HOURS(LST):	

VARIABLE

CALM	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
TOTALS	23.1	26.4	26.3	8.3	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 3512

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAG

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 79,81-82
 MONTH: APR HOURS(IST): 0000-0200

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	7.9	2.6										10.5	2.3
NNE	2.5											2.6	2.0
NE	2.6											2.6	2.0
ENE													
E													
ESE													
SE													
SSE	2.5											2.6	3.0
S		5.3										5.3	4.5
SSW		5.3										5.3	5.5
SW		2.6										2.6	6.0
WSW	5.3											5.3	2.0
W	10.5											10.5	1.5
WNW	2.6											2.6	1.0
NW													
NNW													

VARIABLE

CALM	50.0	////
TOTALS	34.2	15.8

TOTAL NUMBER OF OBSERVATIONS: 38

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-96
MONTH: APR HOURS(LS): 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	7.6	4.2										11.2	3.1
NNE	3.4	1.7	.4									5.5	3.5
NE	.8	1.7										2.5	3.3
ENE													
E	1.7	.8										2.5	2.5
ESE		.8										.8	4.5
SE													
SSE	.8	.8	.4									2.1	3.8
S	.8	.8	.4									2.1	4.2
SSW	.8		.4									1.3	3.3
SW		2.1										2.1	4.6
WSW	3.0	.4										3.4	2.1
W	1.3											1.3	1.7
WNW	1.7	.4										2.1	2.6
NW	.8		.4									1.3	5.0
NNW	3.0	1.3										4.2	3.3

VARIABLE													
CALM	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	57.6	////
TOTALS	25.7	15.2	2.1									103.7	1.4

TOTAL NUMBER OF OBSERVATIONS: 237

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNO) FL

PERIOD OF RECORD: 77-85
 MONTH: APR HOURS(LST): 0600-0600

DIRECTION (DEFERS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	6.3	4.2	1.7	.2								12.4	3.9
NNE	3.7	4.2	1.1									6.5	4.0
NE	1.4	1.1		.2								2.6	3.5
ENE	2.0	1.5	.3									3.9	3.7
E	2.0	1.7	.2									3.9	3.2
ESE	.6	1.1										1.7	3.9
SE	.9	.3										1.2	2.8
SSE	1.2	.9	.2									2.3	3.7
S	2.8	1.7	1.2	.2								5.9	4.7
SSW	1.1	.6	.9	.2								2.8	5.0
SW	.5	.2	.9									1.5	5.6
WSW	1.2	.8	.2									2.2	3.4
W	1.7	1.2										2.9	3.1
WNW	1.9	.2	.2									2.2	3.0
NW	.9	.3	.2									1.4	3.4
NNW	2.6	2.8	.6									6.0	4.0

VARIABLE

CALM	40.6	////
TOTALS	30.4	20.7 7.6 .6

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.6	2.0	2.3									4.9	6.2
NNE	.9	1.2	1.8	.3								4.1	6.7
NE	.3	1.1	2.9	1.2								5.5	8.3
ENE	1.4	1.7	3.2	1.5	.3							8.1	7.9
E	1.2	3.2	3.8	.6	.3							9.1	7.1
ESE	.8	2.0	2.1	.9								5.9	7.0
SF	.5	.8	1.2	.3								2.7	6.8
SSE	1.7	2.0	2.3	.6	.2							6.7	6.3
S	3.4	3.7	5.2	1.5								13.7	6.6
SSW	1.7	.8	.3	.6								3.4	5.2
SW	.6	1.4	1.2	.5								3.7	6.5
WSW	1.5	2.0	2.1	.2	.2							5.9	6.3
W	1.8	2.4	2.7	.2								7.2	5.9
WNW	1.1	2.3	2.7	.3								6.4	6.3
NW	.3	1.4	.8	.2								2.6	6.1
NNW	1.7	3.8	2.1									7.6	5.4

VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.6	////
TOTALS	19.2	31.6	36.9	8.8	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 656

GLOBAL CLIMATOLOGY BRANCH PLPCEPAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(IST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.8	3.1	.8									4.8	5.0
NNE	.5	2.1	1.5									4.1	5.8
NNE	.7	2.0	3.1	.5								6.3	7.3
ENE	1.7	1.3	3.5	2.8								9.2	8.5
E	.8	3.0	4.3	1.8								9.9	7.6
ESE	1.0	2.0	2.5									5.4	6.2
SE	.5	1.0	1.7									3.1	6.2
SSE	1.3	2.0	1.7	.7								5.6	6.1
S	3.1	3.3	4.0	.5								10.9	5.9
SSW	1.3	1.0	.2	.5	.2							3.1	5.9
SW	.8	1.2	.7	.5								3.1	6.4
WSW	1.2	1.3	2.8	.3								5.6	6.7
W	1.0	4.3	2.8	.3								8.4	6.3
WNW	3.1	3.3	2.8	.5								9.7	5.3
NW	1.5	.3	.7	.2								2.6	4.4
NNW	1.2	2.1	1.2	.2								4.6	5.1

VARIABLE	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
CALM	20.5	33.3	34.0	8.7	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 606

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747907 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(IST): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.6	.6	.6									1.8	4.8
NNF	.3	.6	.6									1.5	5.2
NE	1.8	3.3	2.7									7.9	5.5
ENE	3.0	7.3	3.3	1.5								15.2	5.8
E	3.3	6.4	2.1	.3								12.1	5.0
ESE	.3	1.5	1.8									3.6	6.5
SE		.6										.6	5.0
SSE	2.1	.6	.6									3.3	3.6
S	3.3	.9	.9									5.2	3.9
SSW	.3											.3	3.0
SW	1.5	.9	1.5	.3								4.2	5.9
WSW	.6	.9	.9	.3								2.7	6.0
W	3.6	3.0	.9									7.6	3.9
WNW	5.5	10.3	1.6									17.6	4.3
NW	1.5	.6	.3									2.4	3.3
NNW	.9	.3										1.2	2.3

VARIABLE

CALM	12.7	////
TOTALS	28.8	37.9 18.2 2.4
		100.0 4.2

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETA FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77,79-86
 MONTH: APR HOURS(LST): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N		3.1										3.1	4.8
NNE	6.3	3.1	.8									10.2	3.3
NE	3.1	2.4										5.5	3.0
ENE	12.6	1.6										14.2	2.2
E	6.3	1.6										7.9	2.4
ESE	.8	.8										1.6	2.5
SE		2.4										2.4	5.0
SSE													
S	.8											.8	2.0
SSW	.8	1.6										2.4	3.3
SW	.8	.8	2.4									3.9	5.6
WSW	2.4											2.4	2.0
W	3.9	2.4										6.3	2.9
WNW	3.1	4.7										7.9	3.5
NW	3.1	.8										3.9	2.8
NNW	.8	3.1										3.9	4.0

VARIABLE

CALM	////////////////////	23.6	////
TOTALS	44.9 28.3 3.1	100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 127

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(UT): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS									
DIRECTION (DEGREES)	WIND SPEED IN KNOTS								
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47
N	2.4	3.0	1.5	.1					7.1
NNE	1.6	1.6	1.4	.3					4.9
NW	1.1	1.8	1.8	.4					5.0
ENE	2.0	2.1	2.2	1.3	.1				7.6
E	1.8	2.1	2.4	.6	.1				7.9
ESE	.6	1.5	1.6	.3					4.2
SE	.6	.8	.7	.1					2.1
SSE	1.3	1.3	1.2	.5	.0				4.3
S	2.9	2.8	2.7	1.4	.0				9.8
SSW	1.1	1.1	.5	.4	.0				3.1
SW	.7	.9	1.0	.3	.1				3.0
WSW	1.4	1.1	1.4	.1	.1				4.1
W	1.8	2.3	1.3	.1					5.6
WNW	2.2	2.6	1.3	.2					6.4
NW	1.0	.8	.5	.1					2.4
NNW	1.8	2.6	1.1	.0					5.6

TOTALS									
24.4	29.6	22.8	6.0	.3					100.0
16.9	4.7								

TOTAL NUMBER OF OBSERVATIONS: 3368

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-82
 MONTH: MAY HOURS(IST): 0000-0200

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N													
NNE													
NE		5.3										5.3	1.0
ENE												5.3	5.0
E													
ESE													
SE													
SSE													
S												15.8	2.0
SSW												5.3	1.0
SW													
WSW													
W													
WNW												5.3	2.0
NW													
NNW												15.8	5.3

VARIABLE

CALM

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 19

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(1ST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	7.0	1.0										7.9	2.2
NNE	1.7	.5	.5									2.6	3.7
NE	2.4	.5										2.9	2.4
ENE	1.0											1.0	2.0
E	1.9	.5										2.4	2.4
ESE	.5											.5	2.0
SE	.7	.5										1.2	3.0
SSE	1.0	.2										1.2	2.8
S	3.1	1.9										5.0	3.0
SSW	2.6	.2										2.9	1.9
SW	1.9											1.9	2.1
WSW	1.2											1.2	1.8
W	1.4	.2										1.7	2.4
WNW	1.0											1.0	2.0
NW	1.0											1.0	1.8
NNW	2.2	1.2										3.4	2.9

VARIABLE

CALM	////////////////////	62.4	////
TOTALS	30.5 6.7 .5	100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNO) FL PERIOD OF RECORD: 77-96
 MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.3	1.9	.1	.1								7.6	2.9
NNE	3.3	2.2	.6									6.1	3.6
NE	2.8	1.3	.1									4.3	3.1
ENE	2.2	1.8	.3									4.3	3.5
E	2.4	2.2	.1									4.8	3.2
ESE	2.1	.4	.1									2.7	3.0
SE	.9	1.0	.6									2.5	4.2
SSE	1.8	.7	.1	.1								2.8	3.4
S	3.7	2.7	1.0	.4								7.9	4.3
SSW	1.5	.9	.3									2.7	3.3
SW	.7	.4										1.2	2.9
WSW	2.2	.4										2.7	2.2
W	2.4	.4										2.8	2.5
WNW	1.2	.6	.3									2.1	3.5
NW	.7	.4										1.2	3.4
NNW	1.3	1.0	.1									2.5	3.6

VARIABLE

CALM	////////////////////	41.9	////
TOTALS	34.6 18.7 4.0 .7	100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 673

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(IST): 0900-1100

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.5	1.5	.7									3.7	4.4
NNE	1.0	1.8	1.3	.6								4.8	6.2
NE	1.6	1.0	2.8	1.0								6.6	6.9
ENE	1.3	3.7	2.8	.6								8.5	6.0
E	1.8	4.5	3.6	.4								10.3	6.0
ESE	1.3	3.0	1.3									5.7	4.9
SE	.7	.9	.6									2.2	4.7
SSE	3.6	2.2	2.7	.4								9.0	5.2
S	4.0	5.7	6.1	.4								16.3	5.8
SSW	1.0	2.7	1.5	.3								5.5	6.0
SW	.4	1.0	1.6	.1								3.3	6.5
WSW	1.9	1.6	.1									3.7	3.8
W	1.6	.9	.6									3.1	3.8
WNW	1.6	2.2	.9									4.6	4.7
NW	1.8	.7	.3									2.8	3.6
NNW	1.0	3.1	.7									4.9	4.8

VARIABLE

CALM

TOTALS

4.3

100.0

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(IST): 1200-1400

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.4	2.8	1.6									5.7	5.0
NNE	.8	1.4	1.4	.3								3.9	6.5
NE	.3	2.5	3.4	1.2	.3							7.6	8.2
NNE	1.6	2.6	4.0	.6								8.9	6.7
E	1.6	4.7	4.8	.6								11.6	6.4
ESE	1.9	2.0	3.0	.2								7.0	5.5
SE	.6	.9	.5									2.0	4.8
SSE	2.0	2.0	1.4									5.4	4.7
S	3.1	4.0	4.5	.5	.2							12.3	6.1
SSW	.6	2.0	.6	.3	.2							3.9	6.1
SW	.9	2.0	.9	.3								4.2	5.8
WSW	1.1	3.3	1.9	.2								6.4	5.4
W	1.1	2.3	.9									4.3	5.1
WNW	1.4	1.4	1.2									4.0	5.0
NW	.9	1.1	.3	.3								2.6	5.2
NNW	2.0	3.0	1.4									6.4	4.4

VARIABLE

CALM	////////////////////	3.6	////
TOTALS	21.3 38.0 52.0 4.5 .6	100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 1500-1700

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.4	2.5	.9	.2								5.0	5.0
NNE	1.1	1.6		.4	.2							3.2	5.9
NE	.5	2.0	2.7	2.1	.2							7.5	8.8
ENE	.5	3.9	6.6	1.2			.2					12.5	7.7
E	1.8	4.5	8.6	1.8								16.6	7.3
ESE	.7	3.6	3.2	.7	.2							8.4	6.9
SE	.9	.9	.4	.2								2.3	4.5
SSE	.9	.9	1.4									3.2	5.9
S	3.4	4.1	1.6	.7	.2							17.0	5.3
SSW	1.1	2.3	.7									4.1	5.0
SW	.5	.9	.7									2.1	5.4
WSW	.7	2.3	.9	.2								4.1	5.7
W	2.0	2.3	1.8	.4								6.4	5.3
WNW	1.1	1.6	1.4									4.1	5.4
NW	1.6	.9	.5									3.0	3.6
NNW	1.4	1.8	.4									3.6	4.1

VARIABLE

3.9

100.0

6.0

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC
 AIR WEATHER SERVICE/WHC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-85
 MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.3										2.3	2.0
NNF	.6		.3								.9	4.3
NNE	2.2	4.3	2.3	.6							10.3	5.2
ENE	6.0	4.6	5.2	.9							16.6	5.4
E	6.3	9.5	7.7	.3							23.6	5.3
ESE	2.0	2.9	2.9								7.7	5.4
SE	1.4	1.4	.3								3.2	3.5
SSE	1.7	.3	.3								2.3	3.3
S	2.3	1.4	.3								4.0	3.2
SSW	1.7	1.7	.9								4.3	4.3
SW	1.7	1.7	.6								4.0	4.2
WSW	.9	.3	.3								1.4	3.8
W	1.7	.3	1.1								3.2	4.5
WNW	2.6	2.0	.3								4.9	3.6
NW	.3	.3									.6	3.0
NNW	.3	.6	.3								1.1	5.0

VAR IABLE												
CAL M	////////////////////										9.5	////
TOTALS	35.0	31.2	22.6	1.7							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNC) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	TOTAL	MEAN WIND
N	5.0	.7									5.4	2.0	
NNE	1.4										1.4	1.5	
NW	4.3	4.3									8.6	3.6	
ENE	7.2	.7	.7								8.6	2.9	
E	9.4	2.9									12.2	2.6	
ESE	3.6	1.4									5.0	2.6	
SE	2.9										2.9	2.3	
SSE	2.2	1.4									3.6	3.2	
S	6.5	1.4									7.9	2.4	
SSW	2.2	.7									2.9	2.5	
SW	1.4										1.4	2.0	
WSW	1.4										1.4	1.5	
W	2.2	.7	.7								3.6	3.6	
WNW	.7	.7									1.4	2.5	
NW	.7										.7	1.0	
NNW	1.4										1.4	1.5	

VARIABLE

CALM

TOTALS

33.9
100.0

TOTAL NUMBER OF OBSERVATIONS: 139

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-80
 MONTH: MAY HOURS(SLT): ALL

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	5.1	1.7	.6	.1								5.5	3.6
NNE	1.5	1.4	.7	.2		.0						3.8	5.1
NE	1.8	1.9	1.9	.8	.1							6.5	6.3
ENE	2.1	2.7	3.0	.5			.0					8.3	6.0
E	2.6	4.0	3.8	.5								10.9	5.8
ESE	1.5	2.0	1.6	.1	.0							5.3	5.3
SE	.9	.9	.4	.0								2.2	4.2
SSE	1.9	1.2	1.1	.1								4.3	4.7
S	3.6	3.5	2.5	.4	.1							17.0	5.1
SSW	1.4	1.7	.7	.1	.0							3.9	4.8
SW	1.0	1.0	.7	.1								2.7	5.0
WSW	1.4	1.4	.5	.1								3.4	4.4
W	1.7	1.2	.7	.1								3.7	4.3
WNW	1.4	1.3	.7									3.4	4.5
NW	1.1	.6	.2	.1								2.0	3.8
NNW	1.4	1.9	.5									3.9	4.2

VARIABLE

CALM	28.4	24.3	19.6	3.2	.2	.0	.0				20.2	4.0
TOTALS											100.0	

TOTAL NUMBER OF OBSERVATIONS: 3469

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-79,81-82
 MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N													
NNE													
NE		6.2										6.3	1.5
ENE		6.3										6.3	2.0
E		9.4										9.4	1.3
ESE		3.1										3.1	1.0
SE													
SSE			3.1									3.1	5.0
S		6.3										6.3	1.5
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM												65.6	////
TOTALS	31.3	3.1										100.0	.6

TOTAL NUMBER OF OBSERVATIONS: 32

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ATC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	3.1	.9										4.0	2.2
NNF	2.3	1.9	.5									4.7	3.5
NE	.9	.7										1.6	2.1
ENE	.2											.2	1.0
E	1.2											1.2	1.6
ESE	.9											.9	1.5
SE	.2											.2	3.0
SSE	.5											.5	1.0
S	2.1	.5										2.6	2.1
SSW	2.1											2.1	2.0
SW	.5											.5	1.0
WSW	2.1	.5	.2									2.8	2.7
W	1.4											1.4	1.7
WNW	.2											.2	1.0
NW			.2									.2	9.0
NNW	.7	.2	.2									1.2	3.6

VARIABLE	18.5	4.7	1.2	75.6	100.0	.6
CALM						
TOTALS						

TOTAL NUMBER OF OBSERVATIONS: 426

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-80
 MONTH: JUN HOURS(LST): 0600-0600

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	4.0	1.0	.3									5.3	2.8
NNE	3.2	1.9	.6									5.6	3.6
NNE	1.3	.4	.4									2.2	3.7
ENE	2.2	1.3		.1								3.7	3.2
E	2.7	.9										3.5	2.9
ESE	2.1	.6										2.7	2.5
SSE	1.2	.1										1.3	2.0
SSE	1.5	.7										2.2	2.7
S	6.3	1.5	.1									8.0	2.7
SSW	1.8	1.5										3.2	3.0
SW	2.4	.1										2.5	2.1
WSW	3.7	.6	.3									4.6	2.4
W	1.8	.1										1.9	1.8
WNW	.7	.6	.1									1.5	3.5
NW	.4	.3	.1									.9	4.2
NNW	1.2	.1										1.3	2.1

VARIABLE

CALM	49.6	////
TOTALS	36.4	11.8 2.1 .1

TOTAL NUMBER OF OBSERVATIONS: 679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.9	1.2	.3									4.4	2.9
NNE	2.6	1.2	.4									4.8	3.7
NNE	.9	1.3	1.0	.1								3.4	5.3
ENE	1.9	1.9	1.2	.3								5.3	4.8
E	2.5	3.7	1.9	.1								8.2	4.9
ESE	1.8	1.5	.4									3.7	3.8
SE	1.5	.6										2.1	3.1
SSE	1.9	1.8	1.2	.1								5.0	5.0
S	4.4	6.0	2.6	.1	.1							13.4	5.0
SSW	3.5	1.9	.4	.1	.1							6.2	4.0
SW	1.8	1.8	.3									3.8	3.8
WSW	2.6	3.2	1.2									7.0	4.2
W	3.2	1.8	.3									5.3	3.5
WNW	3.1	1.9	.1									5.1	3.2
NW	1.0	.9	.3									2.2	4.3
NNW	2.5	1.8	.7									5.0	4.1

VARIABLE

CALM	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
TOTALS	38.2	32.9	12.5	1.0	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 661

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 1200-1400

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.7	2.0	.9	.2								5.7	4.3
NNE	1.8	1.5	1.5									4.8	4.9
NE	1.8	2.0	1.2	.6								5.6	6.0
ENE	2.4	1.8	2.1	.8								7.1	5.7
E	2.7	3.6	3.5	.2								10.0	5.6
ESE	1.7	2.4	.9	.2								5.1	4.4
SE	1.8	.5										2.3	2.5
SSE	1.4	1.2	1.5	.5								4.5	5.9
S	3.5	6.6	2.4	.6								13.3	5.2
SSW	2.1	1.7	1.5	.2								5.4	4.7
SW	.8	2.0	.8	.2								3.6	5.1
WSW	2.9	2.4	.6	.3								6.2	4.4
W	2.6	3.0	.6	.2								6.3	4.0
WNW	1.2	2.6	.2									3.9	4.2
NW	2.1	.6	.5									3.2	3.2
NNW	1.5	3.3	.9	.2								5.9	4.7

VARIABLE

CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	////
TOTALS	32.9	37.2	19.0	3.9								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 662

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 1500-1700

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.4	1.1	.7									3.2	4.1
NNE	1.1	2.3	2.1	.4								5.8	6.2
NE	1.1	1.4	2.5	.7								5.7	7.0
ENE	1.8	2.3	3.5	1.2								8.8	7.1
E	3.4	4.8	5.5	1.1								14.7	6.5
ESE	1.4	1.8	1.4	.2								4.8	5.4
SE	.5	.9	.5				.2					2.1	7.2
SSE	1.6	2.5	1.8									5.8	5.3
S	3.9	3.9	3.4	.9	.4							12.4	6.1
SSW	1.2	1.4	1.4	.4								4.4	6.0
SW	.7	.9	.2	.5								2.3	5.8
WSW	1.9	1.4	1.1	.2								4.6	4.6
W	3.4	2.7	1.1	.2								7.3	4.3
NNW	2.5	2.3	.7									5.5	3.8
NW	1.4	.4	.2	.2								2.1	3.6
NNW	2.5	.5	.2									3.2	2.7

VARIABLE

CALM	29.7	30.4	26.2	5.8	.4							7.3	5.2
TOTALS	29.7	30.4	26.2	5.8	.4		.2					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(IST): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.9	.9	.9									2.6	4.8
NNE	.5	1.2	.3									2.1	4.7
NE	2.1	2.4	1.5									5.9	5.0
ENE	4.4	3.5	2.4									10.3	4.3
E	6.5	5.3	2.6	.6								15.0	4.8
ESE	2.1	1.5	1.8									5.3	4.4
SE	.9	.9	.3									2.1	4.0
SSE	2.4	2.1	1.8	.3								6.5	5.3
S	4.1	3.8	3.5	.6								12.1	5.2
SSW	1.8	1.2	.3									3.2	3.6
SW	.9	.6	.6	.3								2.4	5.3
WSW	1.8	1.8										3.5	3.5
W	4.4	2.1	.3									6.8	3.3
WNW	2.1	.6	.3									2.9	2.6
NW	.3	.3										.6	3.5
NNW	.9	.3	.3									1.5	3.8

VARIABLE

CALM	17.4	////
TOTALS	35.9	28.2 16.8 1.8

TOTAL NUMBER OF OBSERVATIONS: 340

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.7											.7	1.0
NNE	2.0	.7										2.6	2.8
NE	3.3	1.3										4.6	2.6
NNE	7.2	1.3										8.5	2.3
E	7.8	2.6										10.5	2.3
ESE	1.3											1.3	2.0
SE	.7	.7										1.3	4.0
SSE	3.3	.7	.7									4.6	3.1
S	5.2	5.2										10.5	3.4
SSW	1.3	1.3										2.6	4.0
SW	.7	1.3										2.0	3.7
WSW		.7										.7	6.0
W	6.5											6.5	1.6
WNW	2.0											2.0	1.0
NW													
NNW	.7											.7	3.0

VARIABLE

CALM

TOTALS

41.2

100.0

TOTAL NUMBER OF OBSERVATIONS: 153

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747967			STATION NAME: AVON PARK (RNG) FL			PERIOD OF RECORD: 77-86							ALL	
						MONTH: JUN							HOURS(IST):	
						WIND SPEED IN KNOTS								
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN	
N	2.5	1.2	.5	.0								4.2	3.4	
NNE	2.1	1.7	.9	.1								4.7	4.4	
NE	1.4	1.3	1.0	.3								4.0	5.4	
ENE	2.3	1.7	1.4	.4								5.9	5.1	
E	3.2	2.9	2.1	.3								8.6	5.1	
ESE	1.7	1.3	.7	.1								3.6	4.1	
SE	1.1	.5	.1				.0					1.7	3.7	
SSE	1.6	1.4	1.0	.1								4.1	4.9	
S	4.3	4.0	1.9	.4	.1							10.5	4.7	
SSW	2.1	1.4	.6	.1	.0							4.2	4.2	
SW	1.2	1.0	.3	.1								2.6	4.2	
WSW	2.5	1.7	.6	.1								4.8	3.8	
W	2.9	1.6	.4	.1								4.8	3.5	
WNW	1.7	1.4	.2									3.3	3.5	
NW	.9	.4	.2	.0								1.6	3.8	
NNW	1.6	1.1	.4	.0								3.1	3.9	

VARIABLE													
CALM	////////////////////												
TOTALS	33.0	24.4	12.3	2.1	.1	.0						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 3538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 77-78,80-81

MONTH: JUL HOURS(LST): 0000-0200

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N													
NNE													
NNE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													

VARIABLE

CALM

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 16

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFLTA FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(ULST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.2											.2	1.0
NNE	1.0											1.0	1.5
NE	1.2											1.2	1.4
ENE	1.2											1.2	2.2
E	.2											.2	1.0
ESE		.2										.2	5.0
SE	.2											.2	1.0
SSE	.2	.7										1.0	3.3
S	2.7	.2										2.9	2.0
SSW	.2	.2										.5	2.5
SW	.7											.7	1.0
WSW	.7											.7	1.3
W													
WNW													
NW	.5											.5	1.5
NNW													
VARIABLE													
CALM													69.2
TOTALS	9.3	1.5											100.0

TOTAL NUMBER OF OBSERVATIONS: 407

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-85
 MONTH: JUL HOURS(UT): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.9	.3									2.2	2.4
NNE	1.5										1.5	1.8
NE	1.6	.3									1.9	2.2
ENE	2.4	.4									2.8	2.2
E	2.5	.4									3.0	2.4
ESE	2.5	.6	.2								3.4	2.8
SE	1.5	.4									1.9	2.5
SSE	1.2	1.3	.4								3.0	4.1
S	5.7	1.5									7.2	2.5
SSW	2.2	.6									2.8	2.6
SW	2.2	.4									2.7	2.2
WSW	3.1	.6									3.7	2.2
W	1.3	.1									1.5	2.4
WNW												
NW	.1	.1									.3	3.0
NNW	.7	.4									1.2	3.0

VARIABLE												
CALM	////////////////////										60.6	////
TOTALS	30.8	7.8	.7								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS: 668

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.3	1.0	.1								2.5	3.4
NNE	1.5	.1									1.6	2.4
NE	.4	1.2									1.6	4.2
ENE	1.6	1.5	.4								3.6	3.9
E	3.9	2.5	.7								7.2	3.7
ESE	4.0	3.0	.3								7.3	3.3
SE	1.9	2.5									4.5	3.7
SSE	4.2	3.3	1.0	.3							8.8	4.2
S	8.8	4.9	3.1	.1							17.0	4.3
SSW	5.2	3.4	1.2								9.8	3.9
SW	2.7	1.9	1.0								5.7	4.1
WSW	2.8	2.1	.3								5.2	3.6
W	3.3	2.5	.3								6.1	3.6
WNW	2.1	1.3	.1								3.6	3.0
NW	1.2	.4									1.6	2.6
NNW	3.0	1.0									4.0	2.6

VARIABLE											9.8	////
CALM											100.0	3.4
TOTALS	48.0	32.9	8.8	.4								

TOTAL NUMBER OF OBSERVATIONS: 671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
MAIN WEATHER SERVICE/MAAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL
PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL ↓	MEAN WIND
N	1.4	.6	.2									2.1	3.4
NNE	1.5	1.5										3.1	3.6
NF	1.4	1.1	.6									3.1	4.0
NNE	2.0	1.2	1.5	.2								4.9	4.8
E	2.1	1.4	1.2	.2								4.9	4.8
ESE	2.6	2.5	1.4	.3								6.7	4.6
SE	1.7	.9	.5		.2							3.5	4.9
SEF	2.9	1.5	1.1	.2								5.5	4.3
S	6.0	6.7	4.1	.5								17.3	5.0
SSW	3.5	3.1	1.2	.2		.2						9.1	4.6
SW	.9	1.5	.8									3.2	4.9
WSW	3.4	3.1	.6	.3								7.4	4.4
W	3.4	2.3	.8	.2								6.6	3.9
WNW	2.1	2.5	.2	.2								4.9	3.8
W	1.7	1.1	.2									2.9	3.5
NNW	2.1	2.5	.2									4.6	3.9
VARIABLE													
CALM	////////////////////										13.9	////	
TOTALS	36.7	33.4	14.7	2.0	.2	.2						100.0	3.9

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/AFAC
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-96
 MONTH: JUL HOURS(IST): 1500-1700

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.4	2.0	.9	.2								4.5	4.7
NNE	.5	.5	.7									1.8	5.4
NNE	.9	1.1	.4									2.4	4.2
ENE	1.4	2.2	.4									4.0	4.2
E	2.0	3.8	1.8	.4								8.0	5.2
ESE	3.6	4.9	1.8	.2								8.5	4.7
SE	1.3	1.4	1.4									4.2	5.0
SSE	3.1	2.2	1.6									6.9	4.5
S	5.3	5.6	2.2	.5								13.6	4.5
SSW	2.2	1.4	.5	.4								4.5	4.6
SW	1.3	2.7	1.1	.2								5.3	4.9
WSW	2.2	1.8	.2									4.2	3.3
W	3.4	2.5	1.8	.4								8.2	4.8
NNW	1.6	1.8	.7	.2								4.3	4.4
NW	1.4	1.3	.4	.2								3.3	4.4
NNW	1.4	1.1	.5	.2								3.3	4.7

VARIABLE

CALM

TOTALS

13.2
 100.0
 4.0

TOTAL NUMBER OF OBSERVATIONS: 552

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-85
MONTH: JUL HOURS(IST): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND 4
N	1.5	1.5	.3	.3	.3							3.6	4.4
NNE	1.0	.5	.3	.3								2.1	4.6
NE	.8	.3	.3									1.3	3.8
ENE	2.6	1.8	.5	.3								5.1	3.9
E	4.9	3.3	.8									9.0	3.4
ESE	4.4	2.1	.8									7.2	3.3
SE	1.5		.3									1.3	2.9
SSE	2.3	2.6	1.0									5.9	4.5
S	6.7	3.9	1.5	.5								12.6	3.9
SSW	1.3	1.0	.5									2.8	4.2
SW	3.1	.8	.5									4.4	3.4
WSW	3.1	1.0		.3								4.4	3.2
W	3.1	1.5	.5									5.1	3.4
NNW	1.8	.5	.3									2.6	2.8
N	.8	.8										1.5	3.5
NNN	.8	1.3	.5									2.6	4.3

VARIABLE

CALM	////////////////////	28.0	////
TOTALS	39.6 22.9 8.0 1.5	100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 389

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR -FATHER SERVICE/MAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: JUL HOURS(LS): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.9	1.2										3.1	3.0
NNE	3.1											3.1	1.4
NE	2.5											2.5	2.3
ENE	5.0											5.0	1.8
E	6.8	1.9										8.7	2.6
ESE	2.5	1.9										4.3	2.9
SE	1.9											1.9	2.0
SSE	1.9	1.9	.6									4.3	3.6
S	5.0	.6										5.6	2.7
SSW	3.1	1.9	.6									5.6	3.3
SW	.6											.6	1.0
WSW	2.5											2.5	1.5
W	1.2											1.2	1.5
WNW	1.2	.6										1.9	2.3
NW													
NNW				.6								.6	12.0

VARIABLE

CALM	////////////////////	49.1	////
TOTALS	39.1 9.9 1.2 .6	100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 161

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.4	.9	.2	.1								2.6	3.7
NNE	1.3	.5	.1	.0								1.9	3.2
NE	1.2	.7	.2									2.0	3.4
ENE	2.0	1.1	.5	.1								3.7	3.7
E	2.8	1.9	.7	.1								5.5	3.9
ESE	2.9	1.9	.7	.1								5.7	3.9
SE	1.5	1.0	.4		.0							2.8	4.0
SSE	2.4	2.0	.9	.1								5.3	4.3
S	6.0	3.8	1.9	.3								12.0	4.2
SSW	2.7	1.8	.6	.1	.0							5.3	4.0
SW	1.8	1.3	.6	.0								3.6	4.0
WSW	2.6	1.5	.2	.1								4.4	3.4
W	2.4	1.5	.5	.1								4.6	3.9
WNW	1.3	1.1	.2	.1								2.6	3.6
NW	.9	.6	.1	.0								1.6	3.5
NNW	1.4	1.1	.2	.1								2.7	3.7

VARIABLE

CALM	33.5	////
TOTALS	34.7	22.5 8.1 1.1 .0 .0 .0

TOTAL NUMBER OF OBSERVATIONS: 3516

GLOBAL CLIMATOLOGY BRANCH PLUENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMELR: 747963 STATION NAME: AVON PARK (RNO) FL PERIOD OF RECORD: 77-91
 MONTH: AUG HOURS(LST): 0000-0200

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	4.3											4.3	1.0

NNE													
NE													
ENE													
E			8.7									8.7	1.5
ESE													
SE													
SSE			4.3									4.3	2.0
S													
SSW													
SW													
WSW													
W			8.7									8.7	2.0
WNW													
NW													
NNW													

VARIABLE													
CALM	////////////////////											73.9	////
TOTALS	26.1											100.0	.4

TOTAL NUMBER OF OBSERVATIONS: 23

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION, VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-85
 MONTH: AUG HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.5	.2										1.6	1.9
NNE	2.4	.9	.2									3.5	2.9
NE	2.4	1.1	.2									3.7	3.1
ENE	2.0	.4	.4									2.9	3.5
E	.2	.7										.9	3.3
ESE	1.3											1.3	1.5
SE	.9											.9	1.8
SSE	.7											.7	1.3
S	2.4	.9										3.3	2.5
SSW	.7	.2										.9	2.8
SW	.2	.2										.4	3.0
WSW													
W	.2											.2	1.0
WNW	.4											.4	2.0
NW	.2	.2										.4	3.5
NNW	.2											.2	1.0

VARIABLE

CALM	////////////////////////////////////	78.5	////
TOTALS	15.8 4.8 .9	100.0	.6

TOTAL NUMBER OF OBSERVATIONS: 455

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM 4 HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-36
 MONTH: AUG HOURS(LST): 0600-0600

WIND SPEED IN ANOITS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	3.7	.9										4.6	2.3
NNE	3.3	1.2	.1									4.6	2.8
NNE	2.3	2.7	.4									5.5	3.8
ENE	2.3	1.4	1.0									4.7	4.1
E	4.7	.7	.4									5.9	2.7
ESE	1.2	1.0	.3									2.4	3.8
SE	1.3	.1										1.4	2.2
SSE	1.6	1.0										2.6	3.0
S	4.5	1.2	.1									5.8	2.8
SSW	1.0	.4										1.4	2.8
SW	.9	.4										1.3	2.9
WSW	1.4	.1										1.6	2.0
W	1.0	.1										1.2	1.8
WNW	.7											.7	1.4
NW	.1											.1	2.0
NNW	.9	.6	.1									1.6	3.6

VARIABLE

CALM	54.5	////			
TOTALS	30.9	11.9	2.6	100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 695

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-80
 MONTH: AUG HOURS(UT): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.0	.7	.2									3.0	3.3
NNE	.6	1.1	.9	.1								2.7	5.5
NE	1.0	2.0	1.2	.1								4.2	5.2
ENE	1.1	2.6	2.3	.6								6.6	6.2
E	4.0	3.2	2.4	.9								10.5	5.1
ESE	3.2	4.3	1.9									9.3	4.4
SE	1.9	2.2	.6									4.6	4.1
SSE	2.9	3.9	2.9									9.6	4.8
S	3.7	7.2	4.3									15.2	5.1
SSW	1.7	2.2	.9	.1								4.9	4.6
SW	.9	1.0	.4	.1								2.4	4.8
WSW	2.0	1.4	.6									4.0	3.9
W	2.9	1.4		.1								4.4	3.2
WNW	1.1	.4	.1									1.7	2.9
NW	1.4	1.7										3.2	3.5
NNW	2.7	1.4										4.2	2.7

VARIABLE													
CALM	9.5	36.7	18.5	2.2								100.0	4.2
TOTALS	33.1	36.7	18.5	2.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 697

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: AUG HOURS(LST): 1200-1400

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL Σ	MEAN WIND
N	2.4	1.6	.3									4.3	3.5
NNE	2.2	1.9	.9	.1								5.2	4.5
NE	1.2	.9	.6	.7								3.4	6.1
ENE	3.6	1.6	2.4	1.2								9.7	5.7
E	3.3	2.5	4.9	.4								11.1	5.9
ESE	2.4	3.4	1.6	.4								7.8	5.2
SE	.9	1.3	.6	.1								3.0	5.0
SSE	2.4	2.8	.9	.4								6.5	4.8
S	3.3	5.9	4.3	.3								13.8	5.6
SSW	1.3	2.5	.7	.3								4.9	5.1
SW	2.2	.9	.9	.3								4.3	4.9
WSW	1.9	2.4	.1	.1								4.6	3.8
W	2.8	1.8	.4									5.0	3.3
WNW	1.0	.9	.6									2.5	4.5
NW	1.8	.7	.3									2.8	3.4
NNW	2.2	.9	.3									3.4	3.1

VARIABLE

CALM

TOTALS

8.7
107.0
4.5

TOTAL NUMBER OF OBSERVATIONS: 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747903 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.7	1.4	.9								4.0	4.2
NNE	1.2	2.8	.5	.2							4.7	4.4
NNE	.3	1.4	.9	.3							3.0	6.3
ENE	2.1	2.8	4.9	2.3							12.0	7.2
E	2.8	5.1	5.9	1.4	.3						15.5	6.7
ESE	3.0	2.7	3.0	.2							9.8	5.3
SE	.7	.3	1.0	.2							2.3	6.8
SSE	1.6	3.5	1.9	.2							7.2	5.3
S	3.3	3.7	3.0	.2							10.1	5.0
SSW	1.2	1.4	1.2	.3							4.2	5.8
SW	1.4	1.6	.7	.2							3.8	4.7
WSW	1.2	1.7	.3	.2							3.5	4.5
W	1.2	1.2	.5	.3							3.3	5.1
WNW	1.4	1.4	.2	.2							3.1	4.2
NW	1.6	1.0	.3								3.0	3.8
NNW	.5	1.2		.2							1.9	5.1

VARIABLE

CALM
TOTALS

25.3 34.2 25.3 6.3 .3 8.6 100.0 5.1

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-95

MONTH: AUG HOURS(IST): 1600-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.9	.3	.6									3.7	3.2
NNE	2.4	.8	.3									3.9	3.2
NE	2.3	2.0	.6	.3								5.1	4.4
ENE	5.6	2.8	1.4	.6								10.4	4.2
E	6.5	3.4	2.0									11.9	3.8
ESE	1.7	2.0	1.4									5.1	4.8
SE	2.0	.8		.3								3.1	3.7
SSE	2.5	1.1	.3									3.9	2.5
S	2.5	2.3	.8									5.6	4.3
SSW	2.0	.8										2.8	2.4
SW	1.1	1.4	.6									3.1	4.3
WSW	.3	1.1	.3									1.7	4.5
W	.6	1.4	.3									2.3	4.5
WNW	1.7	1.1		.3								3.1	4.2
NW	1.7	.6		.3								2.5	3.7
NNW	.8	.3	.3									1.4	3.8

VARIABLE

CALM	36.9	22.3	8.7	1.7	50.4	////
TOTALS	36.9	22.3	8.7	1.7	100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-89
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL	MEAN WIND
N	1.3											1.3	2.0
NNE	2.5	1.3										3.8	2.5
NE	3.2	1.9										5.1	2.6
NNE	4.5	2.5	.6									7.6	3.3
E	7.0											7.0	2.0
ESE	1.3	1.3										2.5	3.0
SE	2.5											2.5	1.8
SSE	1.9	1.3										3.2	2.6
S	1.3		.6									1.9	3.3
SSW	3.8											3.8	2.2
SW		.6										.6	4.0
WSW	.6											.6	3.0
W	1.3											1.3	2.5
WNW	.6											.6	1.0
NW		.6										.6	5.0
NNW	.6											.6	1.0

VARIABLE													
CALM												56.7	1.1
TOTALS	32.5	9.6	1.3									100.0	1.1

TOTAL NUMBER OF OBSERVATIONS: 157

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	PLAN WIND
N	2.4	.9	.3									3.6	3.1
NNE	2.0	1.5	.5	.1								4.1	3.9
NNE	1.6	1.7	.6	.2								4.1	4.6
NNW	2.6	2.0	2.1	.7								7.4	5.6
E	3.7	2.4	2.6	.5	.1							9.3	5.1
ESE	2.1	2.5	1.3	.1								6.0	4.7
SE	1.3	.8	.4	.1								2.6	4.2
SSE	2.0	2.2	1.0	.1								5.3	4.5
S	3.3	3.6	2.2	.1								9.2	4.8
SSW	1.4	1.3	.5	.1								3.3	4.5
SW	1.1	.9	.4	.1								2.5	4.5
WSW	1.3	1.1	.2	.1								2.7	3.8
W	1.7	1.0	.2	.1								2.9	3.5
WNW	1.0	.6	.2	.1								1.8	3.7
NW	1.1	.7	.1	.0								2.0	3.5
NNW	1.3	.8	.1	.0								2.2	3.3

VARIABLE

CALM

TOTALS

29.9 23.9 12.8 2.4 .1 31.0 100.0 3.1

TOTAL NUMBER OF OBSERVATIONS: 3631

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/NAC

STATION NUMBER: 74796D STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 75,8J-81
 MONTH: SEP HOURS(IST): 00JG-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
IN												6.3	2.0

NNE													
NF													
ENE													
E		6.3										6.3	4.0
ESE													
SE													
SSE												6.3	2.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													

VARIABLE													
CALM												61.3	////
TOTALS	12.5	6.3										100.0	.5

TOTAL NUMBER OF OBSERVATIONS: 16

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	8.8	1.7										10.5	2.4
NNE	2.3	.8										3.1	2.7
NE	2.0	1.4	.3									3.7	3.5
NNE	.8	.3										1.1	2.3
E	1.1	1.1										2.3	3.3
ESE	.3	.3										.6	2.5
SE	.8	.3										1.1	2.0
SSE	.3											.3	2.0
S	3.1	.8										4.0	2.7
SSW	1.4	.3										1.7	2.0
SW	.3											.3	1.0
WSW	1.1											1.1	2.0
W	1.1											1.1	1.5
WNW													
NW													
NNW	2.5	.6										3.1	2.2

VARIABLE

CALM	//////////	65.1	//////
TOTALS	26.0 7.6 .3	100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATELOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56
N	7.6	5.1	.5								13.1
NNE	3.9	3.4	.5								7.7
NE	1.9	2.0	.3								4.2
ENE	2.2	.7	.3								3.2
E	1.9	1.5	.7								4.0
ESE	.7	.3									1.7
SE		.3									.3
SSE	.7	.3	.2								1.2
S	2.9	1.7	.3								4.9
SSW	1.2	.5									1.7
SW	.5	.3									.8
WSW	.7										.7
W	1.0										1.0
WNW	1.0	.2									1.2
W	.5										.5
NNW	3.0	.8									3.9

VARIABLE

CALM	50.5	////
TOTALS	29.5	17.2 2.9

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747903 STATION NAME: AVON PARK (RM6) FL PERIOD OF RECORD: 76-95
MONTH: SEP HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.7	3.4	2.4								8.4	4.7
NNE	2.5	2.9	2.0	.5							7.9	5.5
NE	1.3	3.9	3.4	.7							9.3	6.0
ENE	3.7	4.0	1.9	.7							10.3	5.2
E	2.4	4.7	3.0	.2							10.3	5.4
ESE	2.0	1.9	1.5								5.4	4.5
SE	1.0	.7	.3								2.0	3.8
SSE	1.2	1.9	.2								3.2	4.2
S	4.9	4.6	1.5	.7							11.6	4.8
SSW	2.4	1.9	1.7								5.9	4.3
SW	1.2	1.5	.5								3.2	4.6
WSW	1.3	1.0	.5								2.9	4.1
W	1.0	.3	.2								1.5	3.2
WNW	1.0	.5	.3								1.9	3.5
NW	.5										.5	1.7
NNW	1.3	1.7	.2								3.2	3.8
VARIABLE	////////////////////										12.5	////
CALM	////////////////////										100.0	4.2
TOTALS	30.5	34.7	19.6	2.7								

TOTAL NUMBER OF OBSERVATIONS: 593

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(1ST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	3.5	3.5	1.0				.2					8.2	4.7
NNE	2.5	4.0	1.7	.9								9.2	5.4
NE	1.6	5.2	3.6	.3								11.0	6.1
ENE	2.1	5.1	3.7	1.4								12.2	6.4
E	2.3	2.3	4.2	.3	.2							9.2	6.3
ESE	1.6	1.0	.7									3.3	4.2
SE	.7	.3	.7									1.7	5.3
SSE	2.6	1.2	1.2									5.1	4.3
S	2.1	5.1	2.4		.3							9.9	5.6
SSW	1.6	1.6	.3									3.5	3.8
SW	.3	.3	.2	.3								1.2	6.7
WSW	1.9	2.3	1.0	.3								5.6	5.1
W	1.6	1.0	.2									2.8	3.6
WNW	.9	.7	.3									1.9	3.6
NW	.9	.5	.2									1.6	3.8
NNW	2.3	1.2	.2									3.7	3.2

VARIABLE

CALM

TOTALS

9.9

100.0

TOTAL NUMBER OF OBSERVATIONS: 574

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAL

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 1500-1700

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	GE 55	TOTAL	MEAN WIND
N	4.9	3.1	.9				.4	.2				9.5	5.6
NNE	1.8	3.8	1.3	.2								7.1	5.3
NE	1.8	2.9	4.4	1.1	.2							10.4	7.0
ENE	2.4	5.1	4.4	.9								12.9	6.1
E	1.8	3.8	4.7	1.3								11.5	7.1
ESE	1.8	4.0	1.1	.2								5.1	5.0
SE	.9	1.1	.2									2.2	4.3
SSE	1.8	1.3										3.1	3.5
S	1.6	2.4	1.1	.2								5.3	5.1
SSW	.7	1.6	.4									2.7	4.8
SW	.9	1.1	.7									2.7	5.0
WSW	1.3	1.8	.9									4.0	4.8
W	1.6	2.7	.2									4.4	4.0
WNW	1.6	1.1										2.7	2.9
NW	1.8	.4										2.2	2.1
NNW	1.8	1.3	.2									3.3	3.9

VARIABLE

CALM	////////////////////	10.9	////
TOTALS	28.2 35.5 20.6 4.0 .2 .4 .2	100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 451

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(IST): 18JC-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.2	2.8									4.4	6.1
NNE	1.6	1.2	.4								3.2	3.8
N	.8	2.8	1.6	.4							5.6	5.7
ENE	6.4	4.0	1.6	.4							12.4	4.2
E	5.6	6.0	1.2	.4							13.1	4.2
ESE	2.4	1.6	.8								4.8	3.8
SE	1.6										1.6	1.8
SSE	1.2	1.2									2.4	3.3
S	1.6	2.8	.8								5.2	4.5
SSW	1.2	.4									1.6	3.0
SW	1.6	.4									2.0	2.6
WSW	1.2	.8									2.0	2.6
W	4.0										4.0	2.0
WNW	3.6	1.6									5.2	2.5
NW	1.2	.4			.4						2.0	5.4
NNW	.8	.8									1.6	3.8

VARIABLE												
CALM	////////////////////										29.1	////
TOTALS	35.9	26.7	6.4	1.2	.4		.4				107.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFLTAAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-83
 MONTH: SEP HOURS(LST): 2100-2300

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND	
N		3.0	1.0										4.0	2.8	
NNE		2.0	1.0										3.0	2.7	
NE		2.0											2.0	2.0	
ENE		4.0	3.0										6.9	2.9	
E		3.0	1.0	1.0									5.0	4.2	
ESE		4.0	1.0										5.0	2.0	
SE															
SSE		4.0	4.0	1.0									8.9	3.8	
S		5.0	1.0										5.9	2.2	
SSW		2.0											2.0	1.0	
SW															
WSW															
W															
WNW		2.0											2.0	1.5	
NW															
NNW		1.0	2.0										3.0	4.0	
VARIABLE															
CALM		////////////////////												52.5	////
TOTALS		31.7	13.9	2.0									100.0	1.4	

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-13	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	4.8	3.3	.9				.1	.0				9.2	4.1
NNE	2.6	4.9	1.1	.3								6.6	4.7
NL	1.6	3.1	2.4	.4	.0							7.5	5.8
ENE	2.8	3.2	2.0	.6								8.5	5.4
E	2.3	3.0	2.4	.3	.0							8.1	5.5
ESE	1.5	1.2	.7	.0								3.4	4.2
SE	.7	.5	.2									1.4	4.0
SSE	1.5	1.1	.3									2.9	3.9
S	2.9	3.0	1.1	.2	.1							7.2	4.6
SSW	1.5	1.1	.5									3.0	3.7
SW	.7	.6	.2	.1								1.7	4.5
WSW	1.2	1.0	.4	.1								2.7	4.4
W	1.4	.7	.1									2.2	3.1
WNW	1.2	.6	.1									1.9	2.9
NW	.7	.2	.0		.0							1.0	3.1
NNW	2.0	1.2	.1									3.3	3.1

VARIABLE

CALM

TOTALS

29.4 26.6 12.6 2.0 .2 .1 .0 29.1

TOTAL NUMBER OF OBSERVATIONS: 2934

PERIOD OF RECORD: 60-21
MONTH: OCT HOUR: (LS1): 0000-0200

STATION NUMBER: 747965 STATION NAME: AVON PARK (RNG) FL

WIND SPEED IN KNOTS

[illegible]

2	35.3	5.9
1	35.3	5.9
	47.1	5.5
	53.5	

11.9 4.5

5.9
2.0

5-9 1-0

23.5 111111

20.6

.....

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55		
N	14.9	12.6	2.1								29.6	2.6
NNE	6.2	1.8	.3								10.3	2.6
NE	2.6	.3									2.8	2.3
ENE	.2										.2	2.0
E	.3										.2	1.0
ESE												
SE												
SSE		.5									.5	5.0
S												
SSW	.8										.8	1.7
SW	.3										.3	2.0
WSW	.5										.5	1.5
W	.5										.5	1.5
WNW	1.3	.3									1.6	2.2
WW	.5	.3									.8	2.3
NNW	3.6	3.3	1.3								8.2	4.1
VARIABLE												
CALM											43.7	////
TOTALS	33.7	19.0	3.6								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 389

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVOX PARK (RNG) FL

PERIOD OF RECORD: 76-85

MONTH: OCT HOURS (LST): 0600-0605

[illegible]

.....
VAMIAELE

CAL W	34.1	24.0	6.4	.6	102.0	34.9
TOTALS						

TOTAL NUMBER OF OBSERVATIONS: 554

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	2.4	6.6	7.2	.8								17.0	6.4
NNE	.9	4.7	6.2	2.0	.2							13.8	7.9
NE	1.2	5.7	5.7	1.2								13.8	6.8
ENE	.9	3.6	5.3	1.1								10.8	7.2
E	2.0	3.5	3.6									9.0	5.7
ESE	1.4	1.4	.6	.3								3.6	5.1
SE	.6	.3	.5									1.4	4.7
SSE	.8	1.4	1.8	.2								4.1	6.3
S	.9	1.5	1.8	.6								4.8	6.7
SSW	1.2	.9	.5	.2								2.7	4.8
SW	.3	.5	.2									.9	4.3
WSW	1.2	1.1	.3									2.6	4.4
W	1.8	.9										2.7	3.1
WNW	1.1	.8										1.8	3.0
NW	.6	.5	.3									1.4	4.3
NNW	1.4	2.1	1.2									4.7	4.9

VARIABLE

CALM

TOTALS

18.5 35.2 35.0 6.2 .2 5.0 100.0 5.9

TOTAL NUMBER OF OBSERVATIONS: 665

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(IST): 1200-1400

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL	MEAN WIND
N	.3	4.1	2.7	.5								7.6	6.4
NNE	1.7	3.5	6.7	2.7								14.6	7.6
NNE	.6	2.4	8.2	3.0	.2	.2						14.6	6.8
ENE	1.7	3.9	6.7	1.2	.2							13.7	7.3
E	1.1	1.8	5.9	1.1								9.9	7.5
ESE	1.1	1.4	1.4	.5								4.2	6.0
SE	.9	.6	.2									1.7	3.6
SSE	.8	1.8	2.0									4.6	5.8
S	.8	.9	1.2	.2								3.0	6.2
SSW	.5	1.2	.6	.2								2.4	5.7
SW	.5	1.2	.2									1.6	4.2
WSW	1.5	1.7	.5									3.6	4.1
W	.9	1.2	.8	.2								3.0	5.0
WNW	1.1	2.0	.2									3.2	4.0
NW	1.7	.5	.6									2.7	3.8
NNW	2.0	2.7	1.8									6.5	4.9

VARIABLE

CALM	16.8	31.0	39.5	7.4	.3	.2						2.9	6.5
TOTALS												100.0	

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/HAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	1.6	4.3	2.2	.3							8.4	5.6
NNE	1.6	2.2	4.3	3.3							11.4	8.2
NE	.5	3.1	10.9	2.8	.2						17.4	8.3
ENE	1.4	2.6	10.0	2.9							16.9	8.3
E	1.9	4.7	5.0	1.0							12.6	6.6
ESE	1.4	1.0	.7								3.1	4.7
SE	.5	.3	.2								1.0	4.3
SSE	.5	.7	.3								1.6	4.6
S	.5	.7	1.4								2.6	6.3
SSW	.3	.7	.3	.2							1.6	5.9
SW	.2	1.0	.2								1.4	5.4
WSW	1.2	1.4	.5								3.1	4.3
W	2.8	1.9									4.7	3.2
WNW	1.0	.2	.9								2.1	4.6
NW	1.6	1.2	.7								3.4	4.1
NNW	2.9	1.0	.5								4.5	3.5
VARIABLE												
CALM											4.3	////
TOTALS	19.8	27.1	38.1	10.5	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 580

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	4.0	1.2	2.1									7.3	4.4
NNE	4.0	6.4	4.0	.3								14.7	5.2
NE	8.0	11.9	3.7	.3								23.9	4.6
ENE	4.9	7.3	2.1	.3								14.7	4.6
E	3.4	3.1	.6									7.0	3.7
ESE	2.1	.3										2.4	2.4
SE													
SSE	.3	.3										.6	3.5
S		.3		.6								.9	9.0
SSW													
SW		.3										.3	4.0
WSW													
W	2.4	1.2										3.7	3.0
WNW	1.5											1.5	2.4
NW	.6											.6	2.0
NNW	.9		.3									1.2	4.0

VARIABLE

CALM

TOTALS

21.1

100.0

TOTAL NUMBER OF OBSERVATIONS: 227

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS (LST): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	10.5	6.1	4.7									23.3	4.4
NNE	7.0	17.4	2.3									26.7	4.2
NE	5.8	1.2	1.2									8.1	3.3
ENE	2.3											2.3	1.5
E	8.1											8.1	1.7
ESE	2.3	1.2										3.5	3.0
SE	1.2											1.2	1.0
SSE													
S													
SSW		1.2										1.2	4.0
SW													
WSW													
W													
WNW	1.2											1.2	2.0
NW	3.5											3.5	2.0
NNW	2.3											2.3	1.0

VARIABLE

CALM	18.6	////			
TOTALS	44.2	29.1	8.1	100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 46

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	6.4	7.5	3.7	.3								17.9	4.7
NNE	3.3	3.9	4.0	1.6	.0							12.8	6.3
NE	2.1	3.6	5.0	1.3	.1	.0						12.1	6.9
ENE	1.7	2.7	4.3	1.0	.0							9.7	6.9
E	1.6	2.2	2.8	.4								7.0	6.1
ESE	1.1	.8	.5	.1								2.5	4.9
SE	.5	.2	.1									.9	3.8
SSE	.5	.9	.8	.0								2.3	5.5
S	.6	.8	.9	.2								2.4	6.2
SSW	.7	.6	.3	.1								1.6	4.7
SW	.2	.6	.1									.9	4.4
WSW	.9	.8	.2									2.0	4.0
W	1.5	.9	.1	.0								2.5	3.4
WNW	1.0	.6	.2									1.8	3.5
NW	1.3	.4	.3									1.7	3.6
NNW	2.2	2.0	1.0									5.2	4.3
VARIABLE													
CALM												16.7	////
TOTALS	25.3	26.5	24.3	5.1	.1	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 3377

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 79-80
 MONTH: NOV HOURS(LST): 0000-0400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
16.7												16.7	2.0

NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
16.7												16.7	2.0

VARIABLE													
CALM												66.7	////
TOTALS												100.0	.7

TOTAL NUMBER OF OBSERVATIONS: 6

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNO) FL PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	14.1	10.3	3.2	.5								28.1	4.1
NNE	2.2	2.7										4.9	3.1
NE	2.7	2.2										4.9	3.3
ENE	1.6	1.1										2.7	3.4
E		.5										.5	4.0
ESE	.5											.5	2.0
SE	.5											.5	2.0
SSE													
S	2.2	.5										2.7	2.4
SSW													
SW	.5											.5	2.0
WSW	.5		.5									1.1	5.5
W													
WNW													
NW	.5											.5	3.0
NNW	4.9	4.9	1.6									11.4	4.4

VARIABLE

CALM

TOTALS

41.6
100.0

TOTAL NUMBER OF OBSERVATIONS: 105

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	11.9	12.2	3.9	.7							28.6	4.4
NNE	5.4	2.2	.5								6.1	3.6
NE	2.0	1.0	.2								3.2	3.1
ENE	1.0	.5	.3								1.9	4.1
E	.2	.7	.2								1.0	4.5
ESE	.3										.3	2.0
SE	.2		.2								.3	5.0
SSE	.7	.7	.3	.2							1.9	5.0
S	.5	1.7		.2							2.4	4.9
SSW	.3	.7									1.0	4.2
SW	.2	.2	.2								.5	5.7
WSW	.2	.2									.3	3.5
W	1.4										1.4	1.9
WNW	.2	.2									.3	3.0
NW	.2	.2	.3								.7	6.0
NNW	2.5	5.3	1.4								9.2	4.7
VARIABLE												
CALM	////////////////////										40.8	////
TOTALS	25.1	25.6	7.5	1.0							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 590

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL	MEAN WIND SPEED
N	3.4	8.1	7.3	2.6								21.4	6.7
NNE	2.8	4.5	3.7	.8								11.8	5.8
NF	1.5	2.1	4.2	.5								8.3	6.7
ENE	1.6	2.8	2.9	.8								8.1	6.6
E	1.5	2.6	1.9	.6								6.6	6.2
ESE	2.1	1.5	1.3	.2								5.0	4.8
SE	.3	.6	.3									1.3	5.4
SSE	1.0	1.1	2.1	.6	.2							5.0	7.5
S	1.3	2.1	2.9	1.0								7.3	6.8
SSW	1.0	1.1	1.0	.2								3.2	5.7
SW	.3	.3	1.1	.2								1.9	6.9
WSW	.6	.6	.2	.2								1.6	4.8
W	.8	.5	.2									1.5	4.2
WNW	.6	.5	.3									1.5	4.2
NW	.3	1.1										1.5	4.1
NNW	.6	2.8	2.6	.2								6.1	6.2

VARIABLE

CALM

TOTALS

19.7 32.4 32.0 7.8 .2 7.9 100.0 5.7

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL 4	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.1	2.8	7.4	1.5							13.7	7.2
NNE	1.0	3.9	4.6	1.0							10.5	6.9
NE	.8	2.9	3.6	1.1							8.5	7.2
ENE	.8	2.1	3.9	2.0							9.8	7.9
E	1.6	3.8	3.8	.7							9.8	6.6
ESE	1.1	2.9	1.3	.2							5.6	5.5
SE	.2	.7	1.1	.2							2.1	6.6
SSE	.5	1.8	1.8	.3	.2						4.6	6.6
S	.3	2.3	4.7	1.5							8.8	7.8
SSW	.5	1.1	1.3	.5							3.4	6.7
SW	.2	1.0	.8	.3							2.3	7.1
WSW	.5	.3	1.0	.3							2.1	6.5
W	.3	.5	1.0	.3							2.1	7.2
WNW	1.6	.3	1.0								2.9	4.6
WW	.7	1.0	.5	.3							2.5	6.1
NNW	1.3	4.1	2.6								8.0	5.4

VARIABLE

CALM

TOTALS

4.1

100.0

.2

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS (LST): 1500-1700

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	3.0	6.9	4.1									13.9	5.4
NNE	1.9	4.8	4.6	.4								11.7	6.1
NE	.4	2.6	3.9	.9								7.9	7.3
ENE	1.3	2.2	6.1	1.9								11.5	7.7
E	1.7	3.3	3.5	.2								8.7	5.8
ESE	2.2	1.9	1.3									5.4	4.6
SE	.7	.9	.2									1.9	3.6
SSE	.9	1.3	1.1	.2								3.5	5.9
S	1.3	2.0	1.3	.2								4.8	5.4
SSW	.6	1.1	.4	.6								2.6	6.5
SW	.2	1.1	.6	.2								2.0	6.3
WSW	.6	1.3	.7									2.6	5.1
W	1.5	1.1	.9	.2								3.7	5.0
WNW	.9	1.7	1.1									3.7	5.1
NW	1.5	1.7	1.1	.2								4.5	5.2
NNW	2.4	2.6	.7									5.8	4.2

VARIABLE

CALM

TOTALS

4.6

100.0

5.5

TOTAL NUMBER OF OBSERVATIONS: 538

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAF/AFAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/RAU

STATION NUMBER: 747903 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 74-89
MONTHS: NOV HOURS(EST): 1800-2000

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	5.1	2.3	.4									7.8	3.4
NNE	3.5	3.1	1.0	.4								8.9	5.3
NE	6.6	4.7	1.2									12.5	3.7
NNE	8.2	1.9	1.6									11.7	3.5
E	3.1	.9										2.9	2.1
ESE	2.3											2.7	1.5
SE													
SSE	.4											.4	2.0
S	.8	.4										1.2	3.0
SSW			.8									.5	9.0
SW	1.2											1.2	1.7
WSW	1.9											1.9	1.6
W	2.3	2.3										4.7	3.3
NNW	.8	1.6	.8									3.1	4.9
NW	.4		.8									1.2	5.3
NNW	1.6	.8										2.3	2.7

VARIABLE

CALM	36.2	////
TOTALS	38.1	17.9 7.4 .4

TOTAL NUMBER OF OBSERVATIONS: 757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(IST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	4.8	6.0	3.6	2.4								13.1	4.0
NNE												11.9	4.1
NNE												3.6	1.7
E												4.6	2.0
ESE												4.5	1.8
SE													
SSE	1.2	1.2										2.4	2.5
S													
SSW	1.2											1.2	1.0
SW													
WSW	1.2											1.2	1.0
W	3.6											3.6	2.0
WNW	1.2	1.2										2.4	3.0
NW	2.4		1.2									3.6	4.7
NNW		4.4										2.4	5.5

VARIABLE

CALM
TOTALS

45.2
34.6 14.3 6.0 45.2
100.0 1.8

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL A	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	5.7	7.1	5.0	1.0							18.8	5.4
NNE	2.5	3.7	3.0	.5							9.6	5.6
NE	1.8	2.3	2.5	.5							7.2	5.9
NNE	1.9	1.8	2.8	.9							7.5	6.5
E	1.3	2.2	1.9	.3							5.7	5.9
ESE	1.6	1.3	.8	.1							3.7	4.6
SE	.3	.4	.4	.0							1.2	5.2
SSE	.7	1.0	1.1	.3	.1						3.2	6.4
S	.9	1.7	1.9	.6							5.1	6.5
SSW	.5	.8	.6	.2							2.2	6.1
SW	.3	.5	.6	.1							1.5	6.3
WSW	.6	.5	.4	.1							1.6	4.9
W	1.1	.6	.4	.1							2.2	4.5
WNW	.8	.7	.6								2.0	4.6
NW	.7	.8	.5	.1							2.0	5.3
NNW	1.9	3.5	1.6	.0							7.0	5.0

VARIABLE													
CALM	////////////////////										19.3	////	
TOTALS	22.5	29.1	24.0	5.0	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 2889

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 80-91,83
 MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
W												20.0	5.5

NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW	20.0											20.0	1.5
W	10.0											10.0	2.0
WNW													
NW													
NNW	10.0											10.0	1.0

VARIABLE													
CALM	40.0	20.0										40.0	1.7
TOTALS	40.0	20.0										100.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 10

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	
N	12.3	11.6	3.9								27.7
NNE	.6	1.9									2.6
NE	1.9										1.9
ENE	1.3	.6	.6								2.6
E	.6		.6								1.3
ESE		1.3									1.3
SE											
SSE											
S	3.2	3.2									6.5
SSW		1.3	2.6								3.9
SW	.6										.6
WSW											
W											
NNW	.6										.6
NW	.6			.6							1.3
NNW	4.5	1.9	1.3	.6							8.4
TOTALS	26.5	21.9	9.0	1.3							100.7

41.3

TOTAL NUMBER OF OBSERVATIONS: 155

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	14.7	12.7	5.7	.2							33.3	4.2
NNE	2.0	1.5	.3								3.8	3.7
NE	.8	.5									1.3	3.1
ENE	.7	.5	.3								1.5	4.1
E	.3	.3									.7	3.5
ESE	.7	.2	.3								1.1	4.0
SE	.2										.2	2.0
SSE	1.0	1.0	.2	.2							2.3	4.8
S	3.1	1.8	.3								5.2	3.6
SSW	1.1	.8	.3								2.3	3.8
SW	.7	.3	.2								1.1	4.0
WSW	.2	.2	.2								.5	4.3
W	.3										.3	1.5
WNW	.2										.2	2.0
NW	.2	.2	.2								.5	4.7
NNW	3.3	3.3	1.6	.5							8.7	5.0

VARIABLE	37.1	100.0	2.6
CALM	37.1	100.0	2.6
TOTALS	29.2	23.2	9.6

TOTAL NUMBER OF OBSERVATIONS: 612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747920 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	5.5	8.0	9.3	1.4							24.2	6.1
NNE	1.9	4.2	4.2	.2							13.5	5.9
NE	1.6	3.3	1.6								6.4	5.2
ENE	1.6	1.6	.9	.2							4.2	5.1
E	1.6	1.4	2.7	.2							5.8	5.9
ESE	.9	.6	2.0								3.6	6.3
SE	.2	.2	1.3								1.6	8.1
SSE	.2	.5	.6	.2							1.4	7.0
S	2.4	2.5	4.9	2.2							11.9	7.3
SSW	.9	1.4	.8								3.1	4.7
SW	.5	.8	1.1	.2							2.5	6.7
WSW	.9	.8	.2								1.9	3.6
W		.6									.6	5.0
WNW	.8	.6	.3								1.7	4.4
NW	.6	.8	1.6	.3							3.3	6.4
NNW	1.9	3.3	2.5								7.7	5.2
VARIABLE												
CALM											9.4	/////
TOTALS	21.4	30.6	33.9	4.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.4	5.8	5.3	1.0								14.6	6.4
NNE	1.9	1.8	3.7	.6								8.1	6.1
NE	.6	2.4	2.6	.6								6.3	6.7
ENE	1.5	1.6	3.1	.6								6.8	6.6
E	.5	1.5	4.7	.2								6.8	7.3
ESE	.8	1.5	2.9	.5								5.7	6.9
SE	.3	1.0	1.5									2.8	6.5
SSE	.3	1.9	1.6	.6	.2							4.7	7.5
S	1.0	1.8	3.9	2.1								8.7	8.2
SSW	.6	.8	2.6	1.1								5.2	8.0
SW	.2	1.3	1.1									2.6	6.5
WSW	.5	2.3	1.8	.5								5.0	6.7
W	.8	1.1	.8	.3								3.1	5.7
WNW	.2	1.9	1.5									3.6	5.3
NW	1.5	1.6	1.9									5.0	5.6
NNW	1.0	4.0	3.2									8.3	6.0

VARIABLE													
CALM												2.9	////
TOTALS	14.1	32.4	42.2	8.3	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.8	5.7	3.9	.6							14.9	5.2
NNE	2.4	2.0	2.6	.9							7.9	6.1
NE	1.5	2.6	2.2	.4							6.6	5.6
ENE	.6	1.7	2.6								4.8	6.7
E	1.3	2.6	4.1	.9							8.8	6.8
ESE	.9	2.8	1.5	.2							5.3	5.5
SE	.4	1.1									1.5	3.9
SSE	.7	1.7	1.7	.2							4.2	6.1
S	1.8	1.7	2.8	.6							6.8	6.1
SSW	1.1	1.1	2.0	.7							5.0	7.1
SW	.9	.9	1.7	.2							3.7	6.2
WSW	1.5	1.7	.7								3.9	4.2
W	1.5	2.0	1.1	.4							5.0	5.4
WNW	1.3	.7	.6								2.6	4.4
NW	2.4	2.6	1.5								6.4	4.6
NNW	1.5	2.0	2.2								5.7	5.5

VARIABLE												
CALM	////////////////////										6.8	////
TOTALS	24.5	32.8	30.9	5.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747920 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1600-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	10.8	5.2	1.6								17.5	3.4
NNE	5.2	4.8	2.0								12.0	4.0
NE	2.0	2.8									4.8	3.6
ENE	3.6	.4									4.0	2.0
E	1.6	2.8	1.2								5.6	4.4
ESE	.8										.8	1.5
SE												
SSE		.4	1.6								2.0	7.0
S	2.0	.4	.4								2.8	3.1
SSW	2.0										2.0	1.8
SW	1.6	.4	.4								2.4	3.3
WSW												
W	2.0	.8									2.8	2.7
WNW	1.2	.4	.4								2.0	4.0
NW	.4										.4	3.0
NNW	2.8	2.4									5.2	3.6
.....												
VARIABLE											
CALM	////////////////////										35.9	////
TOTALS	35.9	20.7	7.6								100.0	2.3
.....												

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(IST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND SPEED
N	8.1	4.1										12.2	3.0
NNE	1.4	2.7										4.1	4.7
NE		1.4										1.4	4.0
ENE													
E	4.1											4.1	2.0
ESE													
SE													
SSE	1.4	1.4										2.7	4.0
S	4.1	1.4										5.4	2.3
SSW	2.7	1.4										4.1	3.0
SW													
WSW	2.7											2.7	2.0
W	2.7											2.7	2.0
WNW	4.1											4.1	2.0
NW													
NNW	6.8	2.7										9.5	2.6
VARIABLE													
CALM												47.3	////
TOTALS	37.8	14.9										100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747563 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(UT): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	7.5	6.0	5.4	.7								21.6	5.0
NNE	2.2	2.6	2.4	.3								7.6	5.4
NE	1.2	2.1	1.3	.2								4.8	5.4
ENE	1.3	1.2	1.4	.2								4.1	5.7
E	1.0	1.4	2.5	.2								5.2	6.3
ESE	.8	1.1	1.4	.1								3.4	6.0
SE	.2	.4	.6									1.2	6.2
SSE	.5	1.1	1.0	.2	.0							2.8	6.5
S	2.2	1.9	2.5	1.0								7.6	6.4
SSW	1.0	1.0	1.3	.4								3.7	6.1
SW	.6	.7	.9	.1								2.3	5.8
WSW	.8	1.0	.6	.1								2.4	5.1
W	.8	.8	.4	.1								2.1	4.9
WNW	.7	.7	.5									2.0	4.9
NW	1.0	1.0	1.1	.1								3.2	5.4
NNW	2.3	3.0	2.1	.1								7.5	5.2

VARIABLE

CALM	24.1	28.1	25.4	4.0	.0							18.4	4.5
TOTALS	24.1	28.1	25.4	4.0	.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 2900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 76-86
 MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.2	3.9	2.3	.3			.0	.0			10.8	4.8
NNE	2.0	2.2	1.6	.4	.0	.0					6.2	5.3
NE	1.4	1.9	1.6	.4	.0	.0					5.3	5.9
ENE	1.8	1.8	1.9	.6	.0		.0				6.1	5.9
E	2.0	2.3	2.0	.4	.0						5.7	5.5
ESE	1.4	1.4	1.0	.1	.0						3.9	4.9
SE	.7	.6	.4	.0	.0		.0				1.7	4.5
SSE	1.3	1.3	1.1	.3	.0						4.1	5.7
S	2.7	2.7	2.2	.7	.0						8.3	5.6
SSW	1.3	1.2	.7	.2	.0	.0					3.4	5.1
SW	.8	.9	.6	.2	.0						2.5	5.5
WSW	1.3	1.1	.6	.1	.0						3.2	4.7
W	1.8	1.3	.7	.2	.0	.0					4.0	4.7
WNW	1.4	1.2	.7	.1	.0						3.4	4.7
NW	1.0	.8	.5	.1	.0						2.5	4.8
NNW	1.9	2.3	1.1	.1	.0						5.4	4.7
VARIABLE												
CALM	////////////////////											22.4
TOTALS	27.1	26.9	19.2	4.2	.2	.0	.0	.0			103.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 39495

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-86

MONTH: ALL HOURS(1ST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	5.6	5.6	3.9	.5			.2					15.7	5.2
NNE	1.3	1.9	1.0	.2								4.3	5.0
NE	.6	.9	.4	.2								2.0	5.6
ENE	.8	.5	.9	.3			.1					2.5	6.4
E	.7	.5	.4	.5	.1							2.2	7.1
ESE	.4	.5	.7	.1	.1							1.6	6.2
SE	.1	.2	.2	.2								.7	7.3
SSE	1.0	.8	.9	.4	.1							3.1	6.3
S	3.4	3.2	2.4	1.0	.1							9.9	5.7
SSW	1.1	1.6	1.6	.4	.1							4.7	6.2
SW	.5	.7	.9	.1	.1							2.2	6.1
WSW	1.6	.8	.3	.2								2.8	4.0
W	2.0	1.0	.5	.1								3.5	3.9
WNW	.9	.3	.4									1.6	4.3
NW	1.1	.6	.7	.3	.1							2.7	6.0
NNW	2.3	1.8	1.2	.2								5.3	4.6

VARIABLE

CALM // 35.4 //

TOTALS 23.1 20.5 16.0 4.3 .5 .3 100.0 3.5

TOTAL NUMBER OF OBSERVATIONS: 1992

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

USE APPROPRIATE
SEE FIRST PAGE

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(1ST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES											
IN	FEET	1	1/2	2	3	4	5	6	7	8	9	10	11
1	1	1	1/2	2	3	4	5	6	7	8	9	10	11
NO CEIL	1	43.6	49.5	56.4	60.6	61.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3
GE 20000	1	46.3	52.1	59.0	63.3	64.4	65.4	65.4	65.4	65.4	65.4	66.5	66.5
GE 18000	1	46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	66.0	66.0	67.0	67.0
GE 16000	1	46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	66.0	66.0	67.0	67.0
GE 14000	1	46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	66.0	66.0	67.0	67.0
GE 12000	1	46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	66.0	66.0	67.0	67.0
GE 10000	1	47.3	53.2	60.6	64.9	66.0	67.0	67.0	67.0	67.0	67.0	68.1	68.1
GE 9000	1	47.3	53.2	60.6	64.9	66.0	67.0	67.0	67.0	67.0	67.0	68.1	68.1
GE 8000	1	48.9	54.8	62.2	66.5	67.6	68.6	68.6	68.6	68.6	68.6	69.7	69.7
GE 7000	1	48.9	54.8	62.2	66.5	67.6	68.6	68.6	68.6	68.6	68.6	69.7	69.7
GE 6000	1	48.9	54.8	62.2	67.0	68.1	69.1	69.1	69.1	69.1	69.1	70.2	70.2
GE 5000	1	50.5	56.4	63.8	68.6	69.7	70.7	70.7	70.7	70.7	70.7	71.8	71.8
GE 4500	1	51.6	57.4	64.9	69.7	70.7	71.8	71.8	71.8	71.8	71.8	72.9	72.9
GE 4000	1	53.7	59.6	67.0	71.8	72.9	73.9	73.9	73.9	73.9	73.9	75.0	75.0
GE 3500	1	53.7	59.6	67.0	71.8	72.9	73.9	73.9	73.9	73.9	73.9	75.0	75.0
GE 3000	1	55.3	61.2	68.6	73.4	74.5	75.5	75.5	75.5	75.5	75.5	76.6	76.6
GE 2500	1	57.4	63.3	70.7	76.1	77.1	78.2	78.2	78.2	78.2	78.2	79.3	79.3
GE 2000	1	58.0	64.9	72.3	77.7	78.7	79.8	79.8	79.8	79.8	79.8	80.9	80.9
GE 1800	1	58.0	64.9	72.3	77.7	78.7	79.8	79.8	79.8	79.8	79.8	80.9	80.9
GE 1500	1	59.6	67.0	74.5	80.3	81.9	83.0	83.0	83.0	83.0	83.0	84.0	84.0
GE 1200	1	59.6	67.0	74.5	80.3	82.4	83.5	83.5	83.5	83.5	83.5	84.6	84.6
GE 1000	1	59.6	68.6	76.1	81.9	83.5	84.6	84.6	84.6	84.6	84.6	85.6	85.6
GE 900	1	60.1	69.1	77.1	83.0	84.6	85.6	85.6	85.6	85.6	85.6	86.7	86.7
GE 800	1	61.7	70.7	78.7	84.6	86.2	87.2	87.2	87.2	87.2	87.2	88.3	88.3
GE 700	1	62.2	71.3	79.8	86.2	87.8	89.4	89.4	89.4	89.4	89.4	90.5	90.5
GE 600	1	62.2	71.3	80.3	86.7	88.3	89.9	89.9	89.9	89.9	89.9	91.0	91.0
GE 500	1	62.2	71.3	80.3	86.7	88.3	89.9	89.9	89.9	89.9	89.9	91.0	91.0
GE 400	1	62.2	72.3	80.9	87.2	88.8	91.0	91.0	91.0	91.0	91.0	92.0	92.0
GE 300	1	62.2	72.3	80.9	87.2	88.8	91.0	91.0	91.0	91.0	91.0	92.0	92.0
GE 200	1	62.2	72.3	80.9	87.2	88.8	91.0	91.0	91.0	91.0	91.0	92.0	92.0
GE 100	1	62.2	72.3	80.9	87.2	88.8	91.0	91.0	91.0	91.0	91.0	92.0	92.0
GE 0	1	62.2	72.3	80.9	87.2	88.8	91.0	91.0	91.0	91.0	91.0	92.0	92.0

TOTAL NUMBER OF OBSERVATIONS: 188

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 06J0-08J0

CEILING		VISIBILITY IN STATUTE MILES																
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
IN FEET	1	33.6	40.6	44.4	48.7	49.3	52.6	54.1	54.3	55.6	55.4	56.4	57.2	57.2	57.2	57.8	58.7	
NO CEIL	1																	
GE 20000	1	36.9	45.0	49.6	54.0	54.6	57.8	59.3	59.5	61.4	62.3	62.3	63.4	63.4	63.4	64.0	65.2	
GE 18000	1	36.9	45.0	49.6	54.0	54.6	57.8	59.3	59.5	61.4	62.3	62.3	63.4	63.4	63.4	64.0	65.2	
GE 16000	1	36.9	45.0	49.6	54.0	54.6	57.8	59.3	59.5	61.4	62.3	62.3	63.4	63.4	63.4	64.0	65.2	
GE 14000	1	37.5	45.7	50.4	54.7	55.3	59.6	60.1	60.2	62.2	63.1	63.1	64.1	64.1	64.1	64.7	65.9	
GE 12000	1	38.3	46.8	51.4	55.8	56.4	59.6	61.1	61.3	63.2	64.1	64.1	65.2	65.2	65.2	65.8	67.0	
GE 10000	1	39.2	48.0	52.9	57.4	58.0	61.3	62.8	62.9	65.0	65.9	65.9	67.0	67.0	67.0	67.6	68.8	
GE 9000	1	40.1	49.0	54.0	58.4	59.0	62.3	63.8	64.0	66.1	67.0	67.0	68.0	68.0	68.0	68.6	69.8	
GE 8000	1	41.1	50.2	55.3	59.8	60.4	63.7	65.2	65.3	67.6	68.5	68.5	69.5	69.5	69.5	70.1	71.3	
GE 7000	1	41.3	50.4	55.5	59.9	60.5	63.8	65.3	65.5	67.7	68.6	68.6	69.7	69.7	69.7	70.3	71.4	
GE 6000	1	42.0	51.3	56.4	60.8	61.4	64.7	66.2	66.4	68.6	69.5	69.5	70.6	70.6	70.6	71.2	72.3	
GE 5000	1	43.5	52.8	57.8	62.3	62.9	66.2	67.7	67.9	70.1	71.0	71.0	72.0	72.0	72.0	72.6	73.8	
GE 4500	1	44.5	54.3	59.3	63.8	64.4	67.7	69.2	69.4	71.6	72.5	72.5	73.5	73.5	73.5	74.1	75.3	
GE 4000	1	45.2	56.1	61.1	65.6	66.2	69.5	71.0	71.2	73.4	74.3	74.3	75.3	75.3	75.3	75.9	77.1	
GE 3500	1	47.4	57.4	62.5	67.0	67.6	70.9	72.3	72.5	74.7	75.6	75.6	76.7	76.7	76.7	77.3	78.5	
GE 3000	1	49.5	59.5	64.6	69.1	69.7	72.9	74.4	74.6	76.8	77.7	77.7	78.8	78.8	78.8	79.4	80.6	
GE 2500	1	50.5	60.5	65.6	70.4	71.0	74.3	75.8	75.9	78.2	79.1	79.1	80.1	80.1	80.1	80.7	81.9	
GE 2000	1	52.0	62.2	67.6	72.2	72.8	76.1	77.6	77.9	80.1	81.0	81.0	82.1	82.1	82.1	82.7	84.0	
GE 1800	1	52.0	62.2	67.6	72.2	72.8	76.1	77.6	77.9	80.1	81.0	81.0	82.1	82.1	82.1	82.7	84.0	
GE 1500	1	53.5	64.1	69.7	74.4	75.3	78.8	80.3	80.6	83.1	84.2	84.2	85.2	85.2	85.2	85.8	87.1	
GE 1200	1	53.8	64.6	70.1	74.9	75.8	79.2	80.7	81.0	83.6	84.6	84.6	85.7	85.7	85.7	86.2	87.6	
GE 1000	1	54.9	65.8	71.4	76.2	77.1	80.6	82.1	82.4	85.1	86.1	86.1	87.1	87.1	87.1	87.9	89.2	
GE 900	1	55.5	66.4	72.0	76.8	77.7	81.2	82.7	83.0	85.7	86.7	86.7	87.7	87.7	87.7	88.5	89.8	
GE 800	1	56.2	67.3	73.1	77.9	78.3	82.4	83.9	84.2	86.9	87.9	87.9	89.1	89.1	89.1	89.8	91.2	
GE 700	1	56.5	67.6	73.5	78.1	80.0	83.4	84.9	85.2	88.0	89.1	89.1	90.4	90.4	90.4	91.2	92.5	
GE 600	1	56.7	67.7	73.7	79.2	80.1	83.6	85.5	85.8	88.6	89.7	89.7	91.0	91.0	91.0	91.8	93.3	
GE 500	1	57.2	68.3	74.3	79.8	80.7	84.3	86.5	86.8	89.8	91.2	91.2	92.5	92.5	92.5	93.3	94.8	
GE 400	1	57.2	68.5	74.4	80.3	81.2	84.8	87.0	87.3	90.3	91.6	91.6	93.0	93.0	93.0	93.7	95.2	
GE 300	1	57.2	68.5	74.7	80.5	81.5	85.4	87.6	87.9	91.0	92.4	92.4	94.2	94.2	94.2	95.2	96.7	
GE 200	1	57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.0	92.4	92.4	94.2	94.2	94.2	95.2	96.5	
GE 100	1	57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.2	92.5	92.5	94.3	94.3	94.3	95.3	96.3	
GE 0	1	57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.2	92.5	92.5	94.3	94.3	94.3	95.3	96.3	
GE 0	1	57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.2	92.5	92.5	94.3	94.3	94.3	95.3	96.3	

TOTAL NUMBER OF OBSERVATIONS: 669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 77-86			
IN FEET	I	GE		GE		GE		GE		GE		GE		GE		GE		MONTH: JAN HOURS(IST): 0900-1100			
		10	6	5	4	3	2 1/4	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U				
NO CEIL	I	.3	45.1	49.2	53.7	55.5	55.6	56.3	56.6	56.6	56.8	57.2	57.2	57.2	57.2	57.4	57.4				
GE 20000	I	.3	50.1	54.4	60.1	62.0	62.3	63.0	63.3	63.3	63.5	63.9	63.9	63.9	63.9	64.0	64.2				
GE 18000	I	.3	50.5	55.0	60.7	62.6	62.9	63.6	63.9	63.9	64.0	64.5	64.5	64.5	64.5	64.6	64.8				
GE 16000	I	.3	51.1	55.6	61.3	63.2	63.5	64.2	64.5	64.5	64.6	65.1	65.1	65.1	65.1	65.2	65.4				
GE 14000	I	.3	52.3	56.9	62.6	64.5	64.8	65.5	65.8	65.8	65.9	66.4	66.4	66.4	66.4	66.5	66.7				
GE 12000	I	.3	54.1	59.0	64.8	66.5	66.8	67.5	67.8	67.8	68.0	68.4	68.4	68.4	68.4	68.6	68.7				
GE 10000	I	.3	56.0	61.0	67.2	69.3	69.6	70.3	70.6	70.6	70.7	71.2	71.2	71.2	71.2	71.3	71.5				
GE 9000	I	.3	57.4	62.3	68.6	70.6	70.9	71.6	71.9	71.9	72.1	72.5	72.5	72.5	72.5	72.6	72.8				
GE 8000	I	.3	59.5	64.5	70.7	72.9	73.2	73.9	74.2	74.2	74.4	74.8	74.8	74.8	74.8	75.0	75.1				
GE 7000	I	.3	60.7	65.6	71.9	74.1	74.4	75.1	75.4	75.4	75.5	76.0	76.0	76.0	76.0	76.1	76.3				
GE 6000	I	.3	61.9	66.8	73.1	75.4	75.7	76.4	76.7	76.7	76.9	77.3	77.3	77.3	77.3	77.4	77.6				
GE 5000	I	.3	63.0	68.0	74.4	76.7	77.0	77.7	78.0	78.0	78.2	78.6	78.6	78.6	78.6	78.7	78.9				
GE 4500	I	.3	64.5	69.6	76.0	78.3	78.6	79.3	79.6	79.6	79.8	80.2	80.2	80.2	80.2	80.3	80.5				
GE 4000	I	.3	64.9	70.0	76.4	78.7	79.2	79.9	80.3	80.3	80.5	80.9	80.9	80.9	80.9	81.1	81.2				
GE 3500	I	.3	65.2	70.3	76.7	79.0	79.5	80.2	80.6	80.6	80.8	81.2	81.2	81.2	81.2	81.4	81.5				
GE 3000	I	.3	66.4	71.6	78.0	80.3	80.8	81.5	82.0	82.0	82.1	82.5	82.5	82.5	82.5	82.7	82.8				
GE 2500	I	.3	67.8	73.1	79.6	82.1	82.5	83.3	83.7	83.7	84.0	84.4	84.4	84.4	84.4	84.6	84.7				
GE 2000	I	.3	68.7	74.1	80.9	83.4	83.8	84.6	85.2	85.2	85.4	85.9	85.9	85.9	86.0	86.2	86.2				
GE 1800	I	.3	68.7	74.1	80.9	83.6	84.0	84.7	85.3	85.3	85.6	86.0	86.0	86.0	86.0	86.2	86.3				
GE 1500	I	.3	69.7	75.4	82.2	85.3	85.7	86.8	87.3	87.3	87.6	88.1	88.1	88.1	88.1	88.2	88.4				
GE 1200	I	.3	70.3	76.3	83.3	86.3	86.8	87.9	88.5	88.5	88.8	89.4	89.4	89.4	89.4	89.5	89.7				
GE 1000	I	.3	72.1	78.5	85.9	89.2	89.8	91.0	91.7	91.7	92.1	92.9	92.9	92.9	92.9	93.0	93.2				
GE 900	I	.3	72.2	78.6	86.0	89.4	90.0	91.1	91.8	91.8	92.3	93.0	93.0	93.0	93.0	93.2	93.4				
GE 800	I	.3	72.9	79.3	87.2	90.8	91.4	92.7	93.4	93.4	93.9	94.6	94.6	94.6	94.6	94.8	95.1				
GE 700	I	.3	73.2	79.6	87.6	91.3	91.8	93.2	93.9	93.9	94.3	95.2	95.2	95.2	95.2	95.3	95.6				
GE 600	I	.3	73.2	79.6	88.1	91.7	92.3	93.7	94.6	94.6	95.1	95.9	95.9	95.9	95.9	96.1	96.4				
GE 500	I	.3	73.7	80.1	88.5	92.1	92.9	94.5	95.5	95.5	95.9	96.9	96.9	96.9	97.1	97.2	97.5				
GE 400	I	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.8	96.4	97.4	97.4	97.4	97.7	98.0	98.3				
GE 300	I	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.8	96.4	97.5	97.5	97.5	98.1	98.3	99.3				
GE 200	I	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.8	96.4	97.5	97.5	97.5	98.1	98.3	99.4				
GE 100	I	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.8	96.4	97.7	97.7	97.7	98.3	98.5	100.0				
GE	0	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.8	96.4	97.7	97.7	97.7	98.3	98.5	100.0				

TOTAL NUMBER OF OBSERVATIONS: 687

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(IST): 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

CEILING

IN 1 2 3 4 5 6 7 8 9 10 11 12

FEET 1 2 3 4 5 6 7 8 9 10 11 12

NO CEIL 1

GE 20000

GE 18000

GE 16000

GE 14000

GE 12000

GE 10000

GE 9000

GE 8000

GE 7000

GE 6000

GE 5000

GE 4500

GE 4000

GE 3500

GE 3000

GE 2500

GE 2000

GE 1800

GE 1500

GE 1200

GE 1000

GE 900

GE 800

GE 700

GE 600

GE 500

GE 400

GE 300

GE 200

GE 100

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

GE 0

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-96

MONTH: JAN HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES										PERIOD OF RECORD: 77-96				
IN	F	GE										MONTH: JAN				
		1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	5/8	1/2	5/16	1/4	
FLEET		1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	5/8	1/2	5/16	1/4	
NO CEIL		1	1/2	1	1/2	1	1/2	1	1/2	1	1/2	5/8	1/2	5/16	1/4	
GE 20000		51.2	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
GE 18000		64.6	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 16000		65.6	67.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
GE 14000		66.1	67.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	
GE 12000		67.3	68.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
GE 10000		70.6	71.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 9000		74.8	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 8000		76.3	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 7000		77.8	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
GE 6000		78.9	80.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE 5000		79.8	81.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 4500		83.4	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
GE 4000		84.4	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
GE 3500		86.3	87.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 3000		88.2	89.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 2500		92.3	93.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 2000		93.1	94.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 1800		94.1	95.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 1500		95.4	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1200		95.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1000		95.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 900		95.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 800		95.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 700		95.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 600		95.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 500		95.4	97.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 400		95.4	97.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 300		95.4	97.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 200		95.4	97.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 100		95.4	97.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE		95.4	97.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	

TOTAL NUMBER OF OBSERVATIONS: 608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET		VISIBILITY IN STATUTE MILES												GE			
		1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	10	10	10	1 1/4	1 1/2	5/16	1/4
NO CEIL	1	60.6	63.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	1	71.2	73.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000	1	71.2	73.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	1	71.2	73.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	1	73.1	75.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 12000	1	75.4	78.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	1	76.9	79.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 9000	1	78.1	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	1	81.5	84.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000	1	83.1	86.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	1	83.1	86.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	1	85.0	88.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500	1	86.2	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	1	88.8	91.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	1	90.4	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	1	92.3	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2500	1	93.8	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	95.0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-79, 81-85
MONTH: JAN HOURS(IST): 2100-2300

VISIBILITY IN STATUTE MILES												
CEILING	1	2	3	4	5	6	10	10	10	10	10	10
FEET	1	2	3	4	5	6	10	10	10	10	10	10
NO CEIL	1	2	3	4	5	6	10	10	10	10	10	10
GE 20000	59.1	63.6	68.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 18000	63.6	68.2	72.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	63.6	68.2	72.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	65.9	70.5	75.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	67.0	71.6	76.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	69.3	73.9	78.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 9000	69.3	73.9	78.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 8000	72.7	77.3	81.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	72.7	77.3	81.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	72.7	77.3	81.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	73.9	78.4	83.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500	76.1	80.7	85.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	77.3	81.8	86.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	77.3	81.8	86.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	77.3	81.8	86.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	80.7	85.2	89.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	81.8	86.4	90.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	81.8	86.4	90.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	83.0	87.5	92.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	85.2	89.8	94.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	86.4	90.9	95.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 68

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790J STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(1ST): ALL

		VISIBILITY IN STATUTE MILES																			
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GL	GL	GL
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
GE	20000	1	54.6	58.5	61.7	63.4	63.6	64.5	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE	18000	1	55.1	59.1	62.3	63.9	64.2	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE	16000	1	55.5	59.4	62.6	64.3	64.6	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE	14000	1	56.6	60.6	63.8	65.5	65.8	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE	12000	1	58.4	62.5	65.7	67.4	67.7	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE	10000	1	60.8	65.0	68.5	70.3	70.5	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE	9000	1	62.0	66.3	69.8	71.6	71.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE	8000	1	63.8	68.2	71.8	73.6	73.8	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE	7000	1	64.7	69.1	72.6	74.4	74.7	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE	6000	1	65.5	69.9	73.4	75.3	75.6	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE	5000	1	67.5	71.9	75.6	77.4	77.7	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE	4500	1	68.5	73.1	76.7	78.6	78.8	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE	4000	1	70.1	74.7	78.4	80.2	80.5	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE	3500	1	71.0	75.6	79.3	81.1	81.4	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE	3000	1	73.4	78.2	81.9	83.8	84.1	85.0	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE	2500	1	74.9	79.7	83.6	85.5	85.8	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	2000	1	75.9	81.0	84.9	87.0	87.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE	1800	1	76.1	81.1	85.1	87.2	87.5	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE	1500	1	77.1	82.5	86.5	88.8	89.2	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE	1200	1	77.6	83.1	87.1	89.4	89.9	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE	1000	1	78.4	84.0	88.3	90.7	91.2	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	900	1	78.6	84.3	88.6	91.0	91.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	800	1	79.1	84.6	89.3	91.8	92.3	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE	700	1	79.2	85.0	89.5	92.3	92.8	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	600	1	79.2	85.0	89.7	92.5	93.1	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	500	1	79.5	85.3	90.0	92.8	93.4	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	400	1	79.5	85.4	90.1	93.0	93.6	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	300	1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	200	1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	100	1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	0	1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS: 3175

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 80-83,86

MONTH: FEB HOURS(LST): 0000-0200

VISIBILITY IN STATUTE MILES																
CEILING	1	2	3	4	5	6	10	1	2	3	4	5	6	1	2	3
FEET	1	2	3	4	5	6	10	1	2	3	4	5	6	1	2	3
NO CEIL	1	2	3	4	5	6	10	1	2	3	4	5	6	1	2	3
GE 20000	86.2	92.3	92.3	92.3	92.3	92.3	86.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 18000	86.2	92.3	92.3	92.3	92.3	92.3	86.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 16000	86.2	92.3	92.3	92.3	92.3	92.3	86.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 14000	86.2	92.3	92.3	92.3	92.3	92.3	86.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 12000	86.2	92.3	92.3	92.3	92.3	92.3	86.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 10000	87.7	93.8	93.8	93.8	93.8	93.8	86.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 9000	87.7	93.8	93.8	93.8	93.8	93.8	86.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 8000	87.7	93.8	93.8	93.8	93.8	93.8	86.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 7000	87.7	93.8	93.8	93.8	93.8	93.8	86.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5000	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4000	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	89.2	95.4	95.4	95.4	95.4	95.4	86.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	90.8	96.9	96.9	96.9	96.9	96.9	86.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 65

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0300-0500

VISIBILITY IN STATUTE MILES

CEILING

IN	1	GE	10	6	5	4	3	2	1/2	2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
FEET	1	GE	10	6	5	4	3	2	1/2	2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	40.5	47.5	53.5	55.5	57.5	58.0	59.0	59.0	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	1	42.5	50.0	56.0	58.0	59.5	60.5	61.5	61.5	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	1	42.5	50.0	56.0	58.0	59.5	60.5	61.5	61.5	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	1	43.0	50.5	56.5	58.5	60.0	61.0	62.0	62.0	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	1	43.0	50.5	56.5	58.5	60.0	61.0	62.0	62.0	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	1	44.0	52.5	58.5	60.5	62.0	63.0	64.0	64.0	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	1	45.5	54.0	60.0	62.0	63.5	64.5	65.5	65.5	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	1	46.5	55.0	61.0	63.0	64.5	65.5	66.5	66.5	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	1	49.0	58.0	65.0	67.0	68.5	69.5	70.5	70.5	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 7000	1	49.0	58.5	65.5	67.5	69.0	70.0	71.0	71.0	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	1	49.0	58.5	65.5	67.5	69.0	70.0	71.0	71.0	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	1	49.5	59.0	66.0	70.0	71.5	72.5	73.5	73.5	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	1	50.0	59.5	66.5	70.5	72.0	73.0	74.0	74.0	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	1	50.5	60.0	67.0	71.0	72.5	73.5	74.5	74.5	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	1	51.0	60.5	67.5	71.5	73.0	74.0	75.0	75.0	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	1	52.0	61.5	70.5	72.5	74.0	75.0	76.0	76.0	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2500	1	53.0	62.5	72.0	74.0	75.5	76.5	77.5	77.5	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2000	1	53.0	63.0	72.5	75.0	76.5	77.5	78.5	78.5	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	1	53.5	63.5	73.0	75.5	77.0	78.0	79.0	79.0	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1500	1	55.0	65.0	74.5	77.0	78.5	80.5	81.5	81.5	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	1	55.0	65.0	74.5	77.0	78.5	80.5	81.5	81.5	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1000	1	55.0	65.0	75.0	77.5	79.0	81.5	82.5	82.5	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 900	1	55.5	65.5	76.0	78.5	80.0	83.0	84.0	84.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 800	1	55.5	65.5	76.0	78.5	80.0	83.0	84.0	84.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 700	1	55.5	65.5	76.0	78.5	80.0	83.0	84.0	84.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 600	1	55.5	65.5	76.0	78.5	80.0	83.0	84.0	84.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 500	1	55.5	65.5	77.0	79.5	81.0	86.5	87.5	87.5	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 400	1	56.0	66.0	77.5	80.0	82.5	87.5	88.5	88.5	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 300	1	56.0	66.0	77.5	80.0	82.5	87.5	88.5	88.5	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 200	1	56.0	66.0	77.5	80.0	82.5	87.5	88.5	88.5	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 100	1	56.0	66.0	77.5	80.0	82.5	87.5	88.5	88.5	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 0	1	56.0	66.0	77.5	80.0	82.5	87.5	88.5	88.5	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITIES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(IST): 0000-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO	CEIL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GE	20000	41.5	45.0	47.3	49.4	48.5	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE	18000	51.5	55.3	56.1	59.4	59.6	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE	16000	52.4	56.2	59.0	60.4	60.5	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE	14000	53.1	57.0	59.8	61.1	61.3	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE	12000	54.2	58.1	60.8	62.2	62.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE	10000	55.6	59.8	62.8	64.2	64.4	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE	8000	60.1	64.1	67.7	69.1	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE	6000	60.7	64.7	68.4	69.7	69.9	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE	4000	63.3	67.3	71.1	72.5	72.7	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE	3000	65.3	69.3	73.1	74.5	74.7	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	2000	65.7	69.7	73.6	75.0	75.1	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE	1000	67.6	71.6	75.4	76.8	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE	800	68.2	72.4	76.5	77.9	78.0	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE	600	69.4	73.9	78.0	79.4	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE	400	70.7	75.1	79.3	80.6	80.8	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE	300	72.4	77.0	81.6	83.4	83.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE	200	73.9	78.5	83.4	85.3	85.4	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	100	75.9	80.6	85.7	87.6	87.7	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE	80	75.9	80.6	85.7	87.6	87.7	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE	60	76.8	81.7	87.1	89.1	89.2	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	40	77.7	82.6	88.0	90.0	90.2	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE	30	78.5	83.7	89.0	91.7	91.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE	20	78.5	83.7	89.0	91.7	91.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE	10	78.8	84.2	90.0	92.2	92.3	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	8	79.0	84.3	90.6	92.9	93.2	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	6	79.1	84.6	91.4	93.7	94.2	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	5	79.3	84.9	91.7	94.0	94.5	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	4	79.6	85.3	92.0	94.5	94.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	3	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	2	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	1	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	0	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

IN	1	GE	5	GE	4	GE	3	2	1/2	GE	2	1	1/2	1	1/4	GE	1	3/4	GE	5/8	1/2	5/16	GE	1/4	GE	0
----	---	----	---	----	---	----	---	---	-----	----	---	---	-----	---	-----	----	---	-----	----	-----	-----	------	----	-----	----	---

NO CEIL	1	48.6	49.5	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	1	62.3	63.5	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000	1	63.4	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	1	63.7	65.7	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	1	65.5	67.4	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	1	68.2	70.3	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	1	71.1	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	1	72.2	74.3	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	1	75.6	77.8	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	1	76.7	79.0	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	1	77.5	79.8	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	1	79.0	82.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	1	80.9	83.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	1	83.1	85.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	1	84.6	87.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	1	87.5	90.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	1	89.4	92.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	1	89.7	92.6	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	1	89.7	92.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	1	90.7	94.1	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	1	91.0	94.4	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	1	91.7	95.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	1	92.0	96.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	1	92.0	96.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	1	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	1	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	1	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	1	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	1	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	1	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	1	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	CL	92.1	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 623

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 77-86			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
NO CEIL	50.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	66.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 16000	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	74.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	75.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 8000	79.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	81.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	82.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	84.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	85.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	88.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	90.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	93.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	94.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	94.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	94.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	94.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	95.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1800-2000

VISIBILITY IN STATUTE MILES

CEILING

FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	65.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 20000	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 16000	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 14000	79.3	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 12000	79.9	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	82.9	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	82.9	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 8000	95.4	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 7000	85.7	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000	96.3	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 5000	87.2	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	93.5	91.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	90.5	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	93.6	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	94.5	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	95.4	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	95.4	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	96.0	97.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	96.0	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 328

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-84,86
MONTH: FEB HOURS(UT): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE	20000	77.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE	18000	83.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE	16000	83.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE	14000	84.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE	12000	84.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE	10000	87.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	9000	88.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE	8000	89.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	7000	89.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	6000	91.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	5000	92.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	4500	93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	4000	93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	3500	93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	3000	93.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	2500	93.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	2000	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	CE	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 178

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET		VISIBILITY IN STATUTE MILES										HOURS(LST)				ALL
		1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	
NO CEIL	1	47.0	51.1	53.2	54.3	54.5	55.0	55.4	55.4	55.7	55.8	55.8	56.1	56.1	56.3	56.4
GE 20000		57.5	61.4	63.7	65.0	65.1	65.6	66.0	66.0	66.3	66.4	66.4	66.7	66.7	66.9	67.0
GE 18000		58.2	62.1	64.4	65.7	65.8	66.3	66.7	66.7	67.0	67.1	67.1	67.4	67.4	67.6	67.7
GE 16000		58.6	62.5	64.8	66.0	66.2	66.7	67.1	67.1	67.4	67.5	67.5	67.8	67.8	68.0	68.1
GE 14000		59.6	63.5	65.9	67.1	67.2	67.8	68.2	68.2	68.4	68.6	68.6	68.9	68.9	69.1	69.2
GE 12000		61.2	65.3	67.8	69.1	69.2	69.7	70.1	70.1	70.4	70.5	70.5	70.8	70.8	71.0	71.1
GE 10000		64.3	68.5	71.1	72.4	72.5	73.1	73.5	73.5	73.8	74.0	74.0	74.2	74.2	74.5	74.5
GE 9000		65.2	69.4	72.0	73.3	73.4	74.0	74.4	74.4	74.6	74.8	74.8	75.1	75.1	75.3	75.4
GE 8000		67.7	72.1	74.9	76.2	76.3	76.9	77.3	77.3	77.6	77.8	77.8	78.1	78.1	78.3	78.4
GE 7000		69.0	73.5	76.4	77.6	77.8	78.4	78.8	78.8	79.0	79.2	79.2	79.5	79.5	79.7	79.8
GE 6000		69.5	74.1	76.9	78.2	78.3	78.9	79.3	79.3	79.6	79.8	79.8	80.1	80.1	80.3	80.4
GE 5000		71.0	75.6	78.7	80.0	80.1	80.7	81.1	81.1	81.4	81.6	81.6	81.9	81.9	82.1	82.2
GE 4000		71.7	76.4	79.5	80.8	80.9	81.5	81.9	81.9	82.2	82.4	82.4	82.7	82.7	82.9	83.0
GE 3500		73.7	78.5	81.7	83.0	83.1	83.8	84.2	84.2	84.4	84.6	84.6	84.9	84.9	85.1	85.2
GE 3000		74.7	79.6	82.8	84.2	84.3	84.9	85.3	85.3	85.6	85.8	85.8	86.1	86.1	86.3	86.4
GE 2500		76.8	81.9	85.5	87.0	87.1	87.8	88.2	88.2	88.5	88.7	88.7	88.9	88.9	89.2	89.3
GE 2000		78.1	83.4	87.1	88.8	88.9	89.6	90.0	90.0	90.3	90.4	90.4	90.7	90.7	91.0	91.1
GE 1800		78.9	84.4	88.2	90.0	90.2	90.9	91.5	91.5	91.7	91.9	91.9	92.2	92.2	92.5	92.6
GE 1600		79.0	84.5	88.4	90.2	90.3	91.1	91.6	91.6	91.9	92.0	92.0	92.3	92.3	92.6	92.7
GE 1400		79.8	85.4	89.4	91.3	91.4	92.3	92.8	92.8	93.1	93.3	93.3	93.6	93.6	93.8	93.9
GE 1200		80.2	85.9	90.0	91.9	92.0	92.9	93.4	93.4	93.7	93.8	93.8	94.1	94.1	94.4	94.5
GE 1000		80.7	86.7	90.9	92.8	93.0	94.0	94.5	94.5	94.9	95.0	95.0	95.4	95.4	95.7	95.8
GE 900		80.8	86.9	91.1	93.0	93.2	94.2	94.8	94.8	95.1	95.3	95.3	95.7	95.7	96.0	96.1
GE 800		80.9	87.0	91.2	93.1	93.3	94.4	95.0	95.0	95.3	95.5	95.5	95.9	95.9	96.2	96.3
GE 700		81.0	87.1	91.4	93.4	93.6	94.7	95.3	95.3	95.7	95.9	95.9	96.3	96.3	96.6	96.7
GE 600		81.1	87.3	91.7	93.7	94.0	95.1	95.8	95.8	96.1	96.4	96.4	96.8	96.8	97.1	97.3
GE 500		81.1	87.4	92.0	94.0	94.3	95.7	96.4	96.4	96.7	97.0	97.0	97.5	97.5	97.8	98.0
GE 400		81.2	87.5	92.1	94.3	94.6	96.0	96.7	96.7	97.1	97.5	97.5	98.0	98.0	98.3	98.6
GE 300		81.2	87.5	92.1	94.4	94.7	96.1	96.9	96.9	97.3	97.7	97.7	98.2	98.2	98.7	99.0
GE 200		81.2	87.5	92.1	94.4	94.8	96.2	97.0	97.0	97.5	97.8	97.9	98.5	98.5	99.0	99.6
GE 100		81.2	87.5	92.1	94.4	94.8	96.2	97.0	97.0	97.5	97.8	97.9	98.5	98.5	99.1	100.0
GE 0		91.2	97.5	92.1	94.4	94.8	96.2	97.0	97.0	97.5	97.8	97.9	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 3245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-80-82
MONTH: MAR HOURS(IST): 0000-0200

VISIBILITY IN STATUTE MILES

CEILING

IN	1	6L	GE	6	5	4	3	2	1/2	GE	2	1	1/2	1	1/4	GE	1	3/4	5/8	1/2	5/16	GE	1/4	0
FEET	1	10	GE	6	5	4	3	2	1/2	GE	2	1	1/2	1	1/4	GE	1	3/4	5/8	1/2	5/16	GE	1/4	0
NO CEIL	1	55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000		51.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2000		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 300		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 200		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 100		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 0		72.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4

TOTAL NUMBER OF OBSERVATIONS: 18

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	46.8	59.2	65.6	66.5	66.5	67.9	68.3	68.3	70.2	70.6	70.6	71.6	71.6	72.9	74.3	
GE 20000	1	47.7	61.9	66.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5	
GE 18000	1	47.7	61.9	66.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5	
GE 16000	1	47.7	61.9	66.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5	
GE 14000	1	47.7	61.9	66.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5	
GE 12000	1	48.2	62.4	66.8	69.7	69.7	71.6	72.0	72.0	73.9	74.3	74.3	75.2	75.2	76.6	78.0	
GE 10000	1	49.5	63.8	68.2	71.6	71.6	73.4	73.9	73.9	75.7	76.1	76.1	77.1	77.1	78.4	79.8	
GE 9000	1	50.0	64.2	68.6	72.0	72.0	73.9	74.3	74.3	76.1	76.6	76.6	77.5	77.5	78.9	80.3	
GE 8000	1	50.5	64.7	69.1	72.5	72.5	74.3	74.8	74.8	76.6	77.1	77.1	78.0	78.0	79.4	80.7	
GE 7000	1	51.8	66.1	70.5	73.9	73.9	75.7	76.1	76.1	78.0	78.4	78.4	79.4	79.4	80.7	82.1	
GE 6000	1	51.8	67.0	71.4	74.8	74.8	76.6	77.1	77.1	78.9	79.4	79.4	80.3	80.3	81.7	83.0	
GE 5000	1	52.3	67.4	71.8	75.2	75.2	77.1	77.5	77.5	79.4	79.8	79.8	80.7	80.7	82.1	83.5	
GE 4500	1	52.8	67.9	72.3	75.7	75.7	77.5	78.0	78.0	79.8	80.3	80.3	81.2	81.2	82.6	83.9	
GE 4000	1	53.2	68.8	73.2	76.6	76.6	78.9	79.4	79.4	81.2	81.7	81.7	82.6	82.6	83.9	85.3	
GE 3500	1	54.6	70.2	74.6	78.0	78.0	80.3	80.7	80.7	82.6	83.0	83.0	83.9	83.9	85.3	86.7	
GE 3000	1	55.5	71.1	75.5	78.9	78.9	81.2	81.7	81.7	83.5	83.9	83.9	84.9	84.9	86.2	87.6	
GE 2500	1	56.9	72.9	77.3	80.7	80.7	83.0	83.5	83.5	85.3	85.7	85.7	86.2	86.2	87.2	88.5	
GE 2000	1	57.3	73.9	78.3	81.7	81.7	83.9	84.4	84.4	86.2	86.6	86.6	87.2	87.2	88.1	89.4	
GE 1800	1	57.3	73.9	78.3	81.7	81.7	83.9	84.4	84.4	86.2	86.6	86.6	87.2	87.2	88.1	89.4	
GE 1500	1	57.8	74.8	79.2	82.6	82.6	84.9	85.3	85.3	87.1	87.5	87.5	88.5	88.5	89.4	90.8	
GE 1200	1	58.3	75.7	80.1	83.5	83.5	85.8	86.2	86.2	88.0	88.4	88.4	89.4	89.4	90.4	91.7	
GE 1000	1	59.2	77.5	81.9	85.3	85.3	87.6	88.0	88.0	90.0	90.4	90.4	91.3	91.3	92.2	93.1	
GE 900	1	59.2	77.5	81.9	85.3	85.3	87.6	88.0	88.0	90.0	90.4	90.4	91.3	91.3	92.2	93.0	
GE 800	1	59.2	77.5	81.9	85.3	85.3	87.6	88.0	88.0	90.0	90.4	90.4	91.3	91.3	92.2	93.0	
GE 700	1	59.6	78.0	82.4	85.8	85.8	88.1	88.5	88.5	90.4	90.8	90.8	91.7	91.7	92.7	93.4	
GE 600	1	60.1	78.4	82.8	86.2	86.2	88.5	88.9	88.9	90.8	91.2	91.2	92.7	92.7	93.6	94.3	
GE 500	1	60.1	78.4	82.8	86.2	86.2	88.5	88.9	88.9	90.8	91.2	91.2	92.7	92.7	93.6	94.3	
GE 400	1	60.1	78.4	82.8	86.2	86.2	88.5	88.9	88.9	90.8	91.2	91.2	92.7	92.7	93.6	94.3	
GE 300	1	60.1	78.4	82.8	86.2	86.2	88.5	88.9	88.9	90.8	91.2	91.2	92.7	92.7	93.6	94.3	
GE 200	1	60.1	78.4	82.8	86.2	86.2	88.5	88.9	88.9	90.8	91.2	91.2	92.7	92.7	93.6	94.3	
GE 100	1	60.1	78.4	82.8	86.2	86.2	88.5	88.9	88.9	90.8	91.2	91.2	92.7	92.7	93.6	94.3	
GE 0	1	60.1	78.4	82.8	86.2	86.2	88.5	88.9	88.9	90.8	91.2	91.2	92.7	92.7	93.6	94.3	

TOTAL NUMBER OF OBSERVATIONS: 218

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET VISIBILITY IN STATUTE MILES

	1	2	3	4	5	6	10	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	52.3	54.3	55.0	55.5	55.6	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3
GE 2000	61.0	62.9	64.0	64.7	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6
GE 1800	61.6	63.5	64.6	65.3	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 1600	61.7	63.6	64.7	65.4	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3
GE 1400	62.3	64.2	65.6	66.3	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1
GE 1200	63.4	65.4	66.8	67.5	67.8	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
GE 1000	65.2	67.2	68.7	69.4	69.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
GE 900	66.1	68.2	69.7	70.5	70.8	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
GE 800	67.5	69.6	71.1	72.0	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9
GE 700	68.3	70.5	72.0	73.1	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0
GE 600	69.1	71.3	72.9	74.0	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 500	72.0	74.2	75.9	77.0	77.4	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
GE 450	73.4	75.6	77.3	78.4	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
GE 400	75.3	77.7	79.3	80.6	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
GE 350	76.4	78.9	80.9	82.6	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 300	79.6	82.1	84.3	85.4	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4
GE 250	82.0	84.4	86.5	87.9	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
GE 200	83.6	86.5	88.6	89.9	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2
GE 180	83.9	86.8	88.8	90.4	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
GE 150	84.6	87.5	89.1	91.7	92.6	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7
GE 120	85.3	88.2	91.0	92.7	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9
GE 100	86.1	89.0	91.9	93.5	94.5	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0
GE 90	86.4	89.3	92.4	94.1	95.2	96.0	96.4	96.4	96.4	96.4	96.6	96.6	96.7	96.7	96.8	96.8
GE 80	86.8	89.7	93.0	94.6	95.7	96.6	97.0	97.0	97.1	97.2	97.2	97.2	97.4	97.4	97.5	97.5
GE 70	86.8	89.7	93.0	94.9	96.0	96.8	97.2	97.2	97.5	97.7	97.7	97.7	97.9	97.9	97.9	97.9
GE 60	87.1	90.1	93.5	95.7	96.8	97.7	98.1	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.8	98.8
GE 50	87.3	90.5	93.9	96.1	97.2	98.2	98.6	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.3	99.3
GE 40	87.6	90.8	94.2	96.4	97.5	98.6	99.0	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 30	87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 20	87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 10	87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE	87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES																PERCENTAGE FREQUENCY			
IN FEET		1	10	0	5	4	3	2	1/2	GE	2	1	1/2	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL		1	54.9	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	
GE 20000	68.7	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	
GE 18000	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	
GE 16000	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	
GE 14000	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	
GE 12000	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	
GE 10000	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	
GE 9000	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	
GE 8000	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	
GE 7000	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	
GE 6000	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	
GE 5000	81.7	82.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	
GE 4500	83.0	83.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	
GE 4000	85.0	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	
GE 3500	87.7	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	
GE 3000	91.6	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	
GE 2500	93.6	94.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	
GE 2000	95.0	95.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	
GE 1800	95.0	95.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	
GE 1500	95.4	96.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	
GE 1200	95.6	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	
GE 1000	95.6	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	
GE 900	95.6	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	
GE 800	95.6	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	
GE 700	95.6	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	
GE 600	95.7	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
GE 500	95.7	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
GE 400	95.7	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
GE 300	95.7	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
GE 200	95.7	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
GE 100	95.7	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
GE 0	95.7	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	

TOTAL NUMBER OF OBSERVATIONS: 699

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 1500-1700

VISIBILITY IN STATUTE MILES									
CEILING	1	GE	5	GE	10	GE	15	GE	20
FEET	1	GE	5	GE	10	GE	15	GE	20
NO CEIL	1	57.7	57.7	56.0	58.2	58.2	58.2	58.2	58.2
GE 20000	1	70.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4
GE 18000	1	70.1	70.1	70.4	70.6	70.6	70.6	70.6	70.6
GE 16000	1	70.4	70.4	70.7	70.9	70.9	70.9	70.9	70.9
GE 14000	1	72.3	72.3	72.6	72.8	72.8	72.8	72.8	72.8
GE 12000	1	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8
GE 10000	1	76.2	76.5	76.8	77.1	77.1	77.1	77.1	77.1
GE 9000	1	76.8	77.1	77.4	77.7	77.7	77.7	77.7	77.7
GE 8000	1	78.3	78.6	78.9	79.3	79.3	79.3	79.3	79.3
GE 7000	1	79.6	79.9	80.2	80.5	80.5	80.5	80.5	80.5
GE 6000	1	80.8	81.1	81.4	81.7	81.7	81.7	81.7	81.7
GE 5000	1	84.2	84.5	84.8	85.1	85.1	85.1	85.1	85.1
GE 4500	1	86.4	86.7	87.0	87.3	87.3	87.3	87.3	87.3
GE 4000	1	87.9	88.4	88.7	89.0	89.0	89.0	89.0	89.0
GE 3500	1	90.2	90.7	91.0	91.3	91.3	91.3	91.3	91.3
GE 3000	1	93.2	94.0	94.3	94.6	94.6	94.6	94.6	94.6
GE 2500	1	94.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3
GE 2000	1	95.7	96.7	97.7	98.0	98.1	98.1	98.1	98.1
GE 1800	1	95.7	96.7	97.7	98.0	98.1	98.1	98.1	98.1
GE 1500	1	95.8	96.9	97.8	98.1	98.3	98.3	98.3	98.3
GE 1200	1	96.0	97.1	98.1	98.5	98.6	98.6	98.6	98.6
GE 1000	1	96.4	97.5	98.6	98.9	99.4	99.4	99.4	99.4
GE 900	1	96.4	97.5	98.8	99.1	99.5	99.5	99.5	99.5
GE 800	1	96.4	97.5	98.8	99.1	99.5	99.5	99.5	99.5
GE 700	1	96.6	97.7	98.9	99.2	99.7	99.7	99.7	99.7
GE 600	1	96.6	97.8	99.1	99.4	99.8	99.8	99.8	99.8
GE 500	1	96.6	97.8	99.1	99.4	99.8	99.8	99.8	99.8
GE 400	1	96.6	97.8	99.1	99.4	99.8	99.8	99.8	99.8
GE 300	1	96.6	97.8	99.1	99.4	99.8	99.8	99.8	99.8
GE 200	1	96.6	97.8	99.1	99.4	99.8	99.8	99.8	99.8
GE 100	1	96.6	97.8	99.1	99.4	99.8	99.8	99.8	99.8
GE	01	96.6	97.8	99.1	99.4	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL
PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(1ST): 1900-2000

VISIBILITY IN STATUTE MILES																																
CEILING IN FEET	1	2	3	4	5	6	GE	UF	GE	2 1/2	GE	2	GE	1 1/2	GE	1 1/4	GE	1	GE	3/4	GE	5/8	GE	1/2	GE	5/16	GE	1/4	GE	0		
NO CEILING	70.1	70.4	70.7	71.0	71.3	71.6	71.9	72.2	72.5	72.8	73.1	73.4	73.7	74.0	74.3	74.6	74.9	75.2	75.5	75.8	76.1	76.4	76.7	77.0	77.3	77.6	77.9	78.2	78.5	78.8	79.1	
GE 20000	77.0	77.3	77.6	77.9	78.2	78.5	78.8	79.1	79.4	79.7	80.0	80.3	80.6	80.9	81.2	81.5	81.8	82.1	82.4	82.7	83.0	83.3	83.6	83.9	84.2	84.5	84.8	85.1	85.4	85.7	86.0	86.3
GE 18000	77.5	77.8	78.1	78.4	78.7	79.0	79.3	79.6	79.9	80.2	80.5	80.8	81.1	81.4	81.7	82.0	82.3	82.6	82.9	83.2	83.5	83.8	84.1	84.4	84.7	85.0	85.3	85.6	85.9	86.2	86.5	86.8
GE 16000	77.8	78.1	78.4	78.7	79.0	79.3	79.6	79.9	80.2	80.5	80.8	81.1	81.4	81.7	82.0	82.3	82.6	82.9	83.2	83.5	83.8	84.1	84.4	84.7	85.0	85.3	85.6	85.9	86.2	86.5	86.8	87.1
GE 14000	78.4	78.6	78.9	79.2	79.5	79.8	80.1	80.4	80.7	81.0	81.3	81.6	81.9	82.2	82.5	82.8	83.1	83.4	83.7	84.0	84.3	84.6	84.9	85.2	85.5	85.8	86.1	86.4	86.7	87.0	87.3	87.6
GE 12000	79.7	80.0	80.3	80.6	80.9	81.2	81.5	81.8	82.1	82.4	82.7	83.0	83.3	83.6	83.9	84.2	84.5	84.8	85.1	85.4	85.7	86.0	86.3	86.6	86.9	87.2	87.5	87.8	88.1	88.4	88.7	89.0
GE 10000	81.4	81.6	81.9	82.2	82.5	82.8	83.1	83.4	83.7	84.0	84.3	84.6	84.9	85.2	85.5	85.8	86.1	86.4	86.7	87.0	87.3	87.6	87.9	88.2	88.5	88.8	89.1	89.4	89.7	90.0	90.3	90.6
GE 9000	83.3	83.6	83.9	84.2	84.5	84.8	85.1	85.4	85.7	86.0	86.3	86.6	86.9	87.2	87.5	87.8	88.1	88.4	88.7	89.0	89.3	89.6	89.9	90.2	90.5	90.8	91.1	91.4	91.7	92.0	92.3	92.6
GE 8000	84.9	85.2	85.5	85.8	86.1	86.4	86.7	87.0	87.3	87.6	87.9	88.2	88.5	88.8	89.1	89.4	89.7	90.0	90.3	90.6	90.9	91.2	91.5	91.8	92.1	92.4	92.7	93.0	93.3	93.6	93.9	94.2
GE 7000	87.1	87.4	87.7	88.0	88.3	88.6	88.9	89.2	89.5	89.8	90.1	90.4	90.7	91.0	91.3	91.6	91.9	92.2	92.5	92.8	93.1	93.4	93.7	94.0	94.3	94.6	94.9	95.2	95.5	95.8	96.1	96.4
GE 6000	88.8	89.1	89.4	89.7	90.0	90.3	90.6	90.9	91.2	91.5	91.8	92.1	92.4	92.7	93.0	93.3	93.6	93.9	94.2	94.5	94.8	95.1	95.4	95.7	96.0	96.3	96.6	96.9	97.2	97.5	97.8	98.1
GE 5000	91.8	92.1	92.4	92.7	93.0	93.3	93.6	93.9	94.2	94.5	94.8	95.1	95.4	95.7	96.0	96.3	96.6	96.9	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.2	100.5	100.8	101.1
GE 4500	92.3	92.6	92.9	93.2	93.5	93.8	94.1	94.4	94.7	95.0	95.3	95.6	95.9	96.2	96.5	96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9									

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																						
IN	FEET	1	10	6	5	4	3	2	1 1/2	GE	GE	2	1	1/2	1	1/4	1	3/4	5/8	GE	GE	5/16	1/4	0
NO CEIL	1	81.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 20000		84.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 18000		84.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 16000		84.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 14000		85.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 12000		87.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 10000		90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000		90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 8000		92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000		92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 6000		93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 5000		94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500		94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000		95.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500		95.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000		95.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500		97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000		97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800		97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 144

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747962 STATION NAME: AVON PARK (RNG) FL
PERIOD OF RECORD: 77-66
MONTH: APR HOURS(1ST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1		2		3		4		5		6		7		8	
	GE	SE	GE	SE	GE	SE	GE	SE	GE	SE	GE	SE	GE	SE	GE	SE
NO CEIL	52.2	57.7	62.1	64.6	65.1	66.6	67.4	67.4	67.4	68.9	69.4	69.4	70.2	70.2	71.9	72.3
GE 20000	55.8	62.0	66.9	69.7	70.2	71.9	72.6	72.6	72.6	74.3	75.0	75.0	75.7	75.7	77.4	77.9
GE 18000	56.0	62.1	67.1	69.9	70.3	72.0	72.6	72.6	72.8	74.5	75.1	75.1	75.9	75.9	77.6	78.1
GE 16000	56.0	62.1	67.1	69.9	70.3	72.0	72.6	72.8	72.8	74.5	75.1	75.1	75.9	75.9	77.6	78.1
GE 14000	56.6	62.9	67.9	70.6	71.1	72.8	73.6	73.6	73.6	75.3	75.9	75.9	76.7	76.7	78.4	78.8
GE 12000	58.4	64.6	69.7	72.5	73.0	74.8	75.6	75.6	75.6	77.4	78.1	78.1	78.9	78.9	80.5	81.0
GE 10000	61.1	67.4	72.3	75.3	75.7	77.7	78.5	78.5	78.5	80.4	81.0	81.0	81.8	81.8	83.5	83.9
GE 9000	61.4	67.7	72.6	75.6	76.0	78.1	78.8	78.8	78.8	80.7	81.3	81.3	82.1	82.1	83.8	84.2
GE 8000	62.8	69.1	74.0	77.0	77.4	79.4	80.2	80.2	80.2	82.1	82.7	82.7	83.5	83.5	85.2	85.6
GE 7000	63.4	69.9	74.8	77.7	78.2	80.2	81.0	81.0	81.0	82.8	83.5	83.5	84.2	84.2	85.9	86.4
GE 6000	63.5	70.0	75.0	77.9	78.4	80.4	81.1	81.1	81.1	83.0	83.6	83.6	84.4	84.4	86.1	86.6
GE 5000	64.6	71.3	76.2	79.1	79.6	81.8	82.5	82.5	82.5	84.4	85.0	85.0	85.8	85.8	87.5	87.9
GE 4500	65.4	72.2	77.1	80.1	80.5	82.7	83.5	83.5	83.5	85.3	85.9	85.9	86.7	86.7	88.4	88.9
GE 4000	66.3	73.4	78.4	81.3	81.8	83.9	84.7	84.7	84.7	86.6	87.2	87.2	87.9	87.9	89.6	90.1
GE 3500	66.6	73.7	78.7	81.6	82.1	84.2	85.0	85.0	85.0	86.9	87.5	87.5	88.3	88.3	90.0	90.4
GE 3000	66.9	74.0	79.0	81.9	82.4	84.7	85.5	85.5	85.5	87.3	87.9	87.9	88.7	88.7	90.6	91.0
GE 2500	67.2	74.7	79.6	82.7	83.2	85.5	86.2	86.2	86.2	88.1	88.7	88.7	89.5	89.5	91.3	91.8
GE 2000	67.5	75.0	79.9	83.0	83.5	85.8	86.6	86.6	86.6	88.4	89.0	89.0	89.8	89.8	91.7	92.1
GE 1800	67.5	75.0	79.9	83.0	83.5	85.8	86.6	86.6	86.6	88.4	89.0	89.0	89.8	89.8	91.7	92.1
GE 1500	68.3	75.9	80.8	83.9	84.4	86.9	87.6	87.6	87.6	89.5	90.1	90.1	90.9	90.9	92.7	93.2
GE 1200	68.5	76.0	81.3	84.4	84.9	87.3	88.1	88.1	88.1	90.0	90.6	90.6	91.3	91.3	93.2	93.7
GE 1000	69.2	77.6	83.3	86.6	87.0	89.5	90.4	90.4	90.4	92.3	92.9	92.9	93.7	93.7	95.5	96.0
GE 900	69.4	77.7	83.5	86.7	87.2	89.6	90.6	90.6	90.6	92.4	93.0	93.0	93.8	93.8	95.7	96.1
GE 800	70.0	78.4	84.1	87.3	87.8	90.3	91.2	91.2	91.2	93.0	93.7	93.7	94.4	94.4	96.3	96.8
GE 700	70.2	78.5	84.2	87.5	87.9	90.4	91.3	91.3	91.3	93.2	93.8	93.8	94.6	94.6	96.4	96.9
GE 600	70.5	78.8	84.5	87.8	88.3	90.7	91.7	91.7	91.7	93.5	94.1	94.1	94.9	94.9	96.8	97.2
GE 500	70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.0
GE 400	70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.0
GE 300	70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.0
GE 200	70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.0
GE 100	70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.0
GE	70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.0

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNO) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
		1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
IN	FEET	1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NO	CEIL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GE	20000	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE	18000	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE	16000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE	14000	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE	12000	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE	10000	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE	9000	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE	8000	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE	7000	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	6000	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE	5000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE	4500	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE	4000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE	3500	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	3000	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	2500	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE	2000	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	1500	97.6	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	1200	97.6	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	1000	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	900	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	800	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	700	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	600	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	500	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	400	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	300	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	200	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	100	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	0	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 656

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	10	0	5	4	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4
NO	CEIL	1	10	0	5	4	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4
GE 20000	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 14000	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4500	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3500	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	97.9	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 606

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RAG) FL PERIOD OF RECORD: 77-86
MONTH: APR HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																GE			
IN	FEET	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NO CEIL	1	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 20000		84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 18000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 16000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 14000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 12000		86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 10000		88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 9000		89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 8000		92.6	92.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 7000		92.4	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 6000		92.7	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 5000		93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4500		95.5	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4000		96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500		97.3	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000		98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0		98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77,79-86
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET VISIBILITY IN STATUTE MILES

	1	2	3	4	5	6	1	1 1/4	1 1/2	2	3	4	5	8	10	12	14	16	18	20
NO CEIL	95.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1600	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1400	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	92.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 450	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 350	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 250	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 150	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 120	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 90	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 80	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 70	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 60	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 50	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 40	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 30	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 20	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 10	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 127

GLOBAL CLIMATOLOGY BRANCH
USAFETIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMRLR: 747963 STATION NAME: AVON PARK (RNO) FL

PERIOD OF RECORD: 77-82
MONTH: MAY HOURS(IST): 0000-0200

VISIBILITY IN STATUTE MILES									
CEILING	IN	FEET	1	1 1/2	2	3	4	5	6
IN	1	10	1	1 1/2	2	3	4	5	6
FEET	1	10	1	1 1/2	2	3	4	5	6
NO CEIL	1	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 20000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 18000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 16000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 14000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 12000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 10000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 9000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 8000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 6000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 5000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4500	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 300	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 200	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 100	1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	61	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7

TOTAL NUMBER OF OBSERVATIONS: 19

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																				
		1	2	3	4	5	6	GE	GE	GE	GE	1	1/2	3/4	5/8	1/2	5/16	1/4	3E			
FEET	1	10	10	10	10	10	10	10	10	10	10	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	.5	53.4	63.5	67.4	71.5	71.7	73.1	73.4	73.4	73.4	74.3	74.8	74.8	74.8	76.0	76.0	76.0	76.7	76.7	77.9	
GE 20000	1	.5	54.7	68.3	72.2	76.3	75.5	77.9	78.2	78.2	78.2	79.1	79.6	79.6	79.6	80.8	80.8	81.5	81.5	82.7		
GE 18000	1	.5	54.9	68.6	72.4	76.5	76.7	78.2	78.4	78.4	78.4	79.4	79.9	79.9	80.1	81.1	81.1	81.8	81.8	83.0		
GE 16000	1	.5	54.9	68.6	72.4	76.5	76.7	78.2	78.4	78.4	78.4	79.4	79.9	79.9	80.1	81.1	81.1	81.8	81.8	83.2		
GE 14000	1	.5	55.4	69.1	72.9	77.0	77.2	78.7	78.9	78.9	78.9	79.9	80.6	80.6	80.6	81.8	81.8	82.5	82.5	83.7		
GE 12000	1	.5	55.9	69.5	73.4	77.5	77.7	79.1	79.4	79.4	79.4	80.3	81.1	81.1	81.1	82.3	82.3	83.0	83.0	84.2		
GE 10000	1	.5	56.3	71.9	75.8	79.9	80.1	81.5	81.8	81.8	81.8	82.7	83.5	83.5	83.5	84.7	84.7	85.4	85.4	86.6		
GE 9000	1	.5	56.8	72.4	76.3	80.3	80.6	82.0	82.3	82.3	82.3	83.2	83.9	83.9	83.9	85.1	85.1	85.9	85.9	87.1		
GE 8000	1	.5	60.0	74.1	78.2	82.5	82.7	84.2	84.4	84.4	84.4	85.4	86.1	86.1	86.1	87.3	87.3	88.0	88.0	89.2		
GE 7000	1	.5	60.2	74.3	78.4	82.7	83.0	84.4	84.7	84.7	84.7	85.6	86.3	86.3	86.3	87.5	87.5	88.2	88.2	89.4		
GE 6000	1	.5	61.4	75.5	79.5	83.9	84.2	85.6	85.9	85.9	85.9	86.8	87.5	87.5	87.5	88.7	88.7	89.4	89.4	90.9		
GE 5000	1	.5	61.6	75.6	79.9	84.2	84.4	85.9	86.1	86.1	86.1	87.1	87.8	87.8	87.8	89.0	89.0	89.7	89.7	91.1		
GE 4500	1	.5	62.6	77.0	81.1	85.4	85.6	87.1	87.3	87.3	87.3	88.2	89.0	89.0	89.0	90.2	90.2	90.9	90.9	92.3		
GE 4000	1	.5	64.3	78.9	83.2	87.5	87.8	89.2	89.4	89.4	89.4	90.4	91.1	91.1	91.1	92.3	92.3	93.0	93.0	94.5		
GE 3500	1	.5	64.5	79.1	83.5	87.8	88.0	89.4	89.7	89.7	89.7	90.6	91.4	91.4	91.4	92.6	92.6	93.3	93.3	94.7		
GE 3000	1	.5	65.0	79.5	84.2	88.5	88.7	90.2	90.4	90.4	90.4	91.4	92.1	92.1	92.1	93.3	93.3	94.2	94.2	95.7		
GE 2500	1	.5	65.0	79.9	84.2	88.5	88.7	90.2	90.4	90.4	90.4	91.4	92.1	92.1	92.1	93.3	93.3	94.2	94.2	95.7		
GE 2000	1	.5	65.5	80.6	84.9	89.2	89.4	91.1	91.4	91.4	91.4	92.3	93.0	93.0	93.0	94.2	94.2	95.2	95.2	96.6		
GE 1800	1	.5	65.5	80.6	84.9	89.2	89.4	91.1	91.4	91.4	91.4	92.3	93.0	93.0	93.0	94.2	94.2	95.2	95.2	96.6		
GE 1500	1	.5	65.5	80.6	84.9	89.2	89.4	91.1	91.4	91.4	91.4	92.3	93.0	93.0	93.0	94.2	94.2	95.2	95.2	96.6		
GE 1200	1	.5	65.7	80.8	85.1	89.4	89.7	91.4	91.6	91.6	91.6	92.6	93.3	93.3	93.3	94.5	94.5	95.4	95.4	96.9		
GE 1000	1	.5	65.7	80.8	85.1	89.4	89.7	91.4	91.6	91.6	91.6	92.6	93.3	93.3	93.3	94.5	94.5	95.4	95.4	96.9		
GE 900	1	.5	65.7	80.8	85.1	89.4	89.7	91.4	91.6	91.6	91.6	92.6	93.3	93.3	93.3	94.5	94.5	95.4	95.4	96.9		
GE 800	1	.5	65.7	81.1	85.4	89.7	89.9	91.6	91.8	91.8	91.8	92.8	93.5	93.5	93.5	94.7	94.7	95.7	95.7	97.1		
GE 700	1	.5	65.7	81.5	86.1	90.4	90.6	92.3	92.6	92.6	92.6	93.5	94.2	94.2	94.2	95.4	95.4	96.4	96.4	97.8		
GE 600	1	.5	65.9	82.0	86.6	90.9	91.1	92.6	93.0	93.0	93.0	94.0	94.7	94.7	94.7	95.9	95.9	96.9	96.9	98.3		
GE 500	1	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	93.5	94.7	95.4	95.4	95.4	96.9	96.9	97.8	97.8	99.3		
GE 400	1	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	93.5	94.7	95.4	95.4	95.4	96.9	96.9	97.8	97.8	99.3		
GE 300	1	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	93.5	94.7	95.4	95.4	95.4	96.9	96.9	97.8	97.8	99.3		
GE 200	1	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	93.5	94.7	95.4	95.4	95.4	96.9	96.9	97.8	97.8	99.3		
GE 100	1	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	93.5	94.7	95.4	95.4	95.4	96.9	96.9	97.8	97.8	99.3		
GE	1	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	93.5	94.7	95.4	95.4	95.4	96.9	96.9	97.8	97.8	99.3		

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL
PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(ELST): 0600-0800

CEILING IN FEET		VISIBILITY IN STATUTE MILES															
		GE 0	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO	CEIL	1	43.1	53.6	59.0	62.3	63.3	64.6	65.4	65.8	66.7	67.0	67.0	67.9	68.4	68.9	69.4
GE	20000	1	47.7	59.3	64.6	68.6	69.7	71.3	72.1	72.5	73.4	74.0	74.0	75.2	75.6	76.4	76.8
GE	18000	1	47.7	59.3	64.6	68.6	69.7	71.3	72.1	72.7	73.6	74.1	74.1	75.3	75.8	76.5	77.0
GE	16000	1	47.8	59.4	64.9	68.8	69.8	71.5	72.4	73.0	74.0	74.6	74.6	75.8	76.2	77.0	77.4
GE	14000	1	48.3	59.9	65.5	69.4	70.4	72.1	73.0	73.6	74.6	75.2	75.2	76.4	76.8	77.6	78.0
GE	12000	1	50.5	62.1	67.8	71.6	72.7	74.3	75.2	75.8	76.8	77.4	77.4	78.6	79.0	79.8	80.2
GE	10000	1	53.8	65.8	71.5	75.3	76.5	78.2	79.0	79.6	80.7	81.4	81.4	82.6	83.1	83.8	84.2
GE	9000	1	54.7	66.9	72.5	76.4	77.6	79.2	80.1	80.7	81.7	82.5	82.5	83.7	84.1	84.8	85.3
GE	8000	1	55.6	67.8	73.6	77.4	78.6	80.2	81.1	81.7	82.6	83.5	83.5	84.7	85.1	85.9	86.3
GE	7000	1	56.0	68.2	74.0	77.9	79.0	80.7	81.6	82.2	83.2	84.0	84.0	85.1	85.6	86.3	86.8
GE	6000	1	56.8	68.9	74.7	78.6	79.8	81.4	82.3	82.9	84.0	84.7	84.7	85.9	86.3	87.1	87.5
GE	5000	1	57.2	69.4	75.2	79.0	80.2	81.9	82.8	83.4	84.4	85.1	85.1	86.3	86.8	87.5	88.0
GE	4500	1	57.4	69.5	75.3	79.2	80.4	82.0	82.9	83.5	84.5	85.3	85.3	86.5	86.9	87.7	88.1
GE	4000	1	58.1	71.3	77.1	81.1	82.3	84.0	84.8	85.4	86.5	87.2	87.2	88.4	88.9	89.6	90.0
GE	3500	1	58.5	71.9	77.7	81.7	82.9	84.5	85.4	86.0	87.1	87.8	87.8	89.0	89.5	90.2	90.6
GE	3000	1	58.8	72.4	78.2	82.2	83.4	85.1	86.0	86.6	87.7	88.4	88.4	89.6	90.2	90.9	91.4
GE	2500	1	58.8	72.4	78.0	82.0	84.0	85.7	86.6	87.2	88.3	89.0	89.0	90.3	90.9	91.7	92.1
GE	2000	1	58.8	72.8	79.0	83.2	84.4	86.2	87.1	87.7	88.7	89.5	89.5	90.8	91.4	92.1	92.6
GE	1800	1	58.8	72.8	79.0	83.2	84.4	86.2	87.1	87.7	88.7	89.5	89.5	90.8	91.4	92.1	92.6
GE	1500	1	59.6	74.0	80.2	84.4	85.6	87.4	88.3	88.9	89.9	90.6	90.6	92.0	92.6	93.3	93.8
GE	1200	1	59.9	74.3	80.5	84.7	85.9	87.7	88.6	89.2	90.2	90.9	90.9	92.3	92.9	93.6	94.1
GE	1000	1	60.5	75.2	81.4	85.6	86.6	88.7	89.7	90.3	91.4	92.1	92.1	93.5	94.1	94.9	95.2
GE	900	1	60.6	75.3	81.7	85.9	87.1	89.0	90.0	90.6	91.7	92.6	92.6	93.9	94.5	95.2	95.7
GE	800	1	60.8	76.1	82.6	86.8	88.1	90.0	91.1	91.7	92.7	93.8	93.8	95.4	96.0	96.7	97.2
GE	700	1	60.8	76.1	82.6	86.8	88.1	90.0	91.1	91.7	92.7	93.8	93.8	95.4	96.0	96.7	97.2
GE	600	1	60.8	76.2	82.8	86.9	88.3	90.2	91.2	91.8	92.9	94.1	94.1	95.7	96.3	97.0	97.6
GE	500	1	61.1	76.5	83.2	87.4	88.7	90.6	91.8	92.4	93.6	94.8	94.8	96.4	97.0	97.8	98.5
GE	400	1	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	93.9	95.1	95.1	96.7	97.3	98.1	98.8
GE	300	1	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	93.9	95.1	95.1	96.7	97.6	98.4	99.3
GE	200	1	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	94.1	95.2	95.2	96.9	97.8	98.5	99.6
GE	100	1	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	94.1	95.2	95.2	96.9	97.8	98.7	100.0
GE	0	1	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	94.1	95.2	95.2	96.9	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

VISIBILITY IN STATUTE MILES									
IN	1	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	5	4	3	2	1 1/2	1	3/4	5/8
NO CEIL	1	59.5	63.0	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000		71.0	75.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 18000		72.0	75.4	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000		72.3	75.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 14000		74.5	78.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 12000		77.5	81.1	82.2	82.2	82.2	82.2	82.2	82.2
GE 10000		79.5	83.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	.3	80.2	83.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	.3	81.1	84.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000	.3	81.4	85.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	.3	82.0	85.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	.3	82.5	86.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	.3	82.6	86.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	.3	84.3	88.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	.3	85.8	90.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	.3	87.4	91.6	92.8	93.1	93.1	93.1	93.1	93.1
GE 2000	.3	89.4	93.7	94.9	95.4	95.4	95.4	95.4	95.4
GE 1800	.3	89.5	93.9	95.1	95.5	95.5	95.5	95.5	95.5
GE 1500	.3	91.3	95.7	96.9	97.3	97.3	97.3	97.3	97.3
GE 1200	.3	92.1	96.4	97.6	98.1	98.1	98.1	98.1	98.1
GE 1000	.3	93.0	97.5	98.8	99.3	99.3	99.3	99.3	99.3
GE 900	.3	93.0	97.5	98.8	99.3	99.3	99.3	99.3	99.3
GE 800	.3	93.1	97.6	99.0	99.4	99.4	99.4	99.4	99.4
GE 700	.3	93.1	97.6	99.0	99.4	99.4	99.4	99.4	99.4
GE 600	.3	93.1	97.6	99.0	99.4	99.4	99.4	99.4	99.4
GE 500	.3	93.3	97.8	99.3	99.7	99.7	99.7	99.7	99.7
GE 400	.3	93.3	97.8	99.3	99.7	99.7	99.7	99.7	99.7
GE 300	.3	93.3	97.8	99.3	99.7	99.7	99.7	99.7	99.7
GE 200	.3	93.3	97.8	99.3	99.7	99.7	99.7	99.7	99.7
GE 100	.3	93.3	97.8	99.3	99.7	99.7	99.7	99.7	99.7
GE 0	.3	93.3	97.8	99.3	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE	2000	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	1800	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	1600	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	1400	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	1200	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	1000	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	900	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	800	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	700	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	600	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	500	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	400	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	300	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	200	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	100	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	0	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790J STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET		VISIBILITY IN STATUTE MILES																U			
		1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4				
NO CEIL	1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 2000	0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 1800	0	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1600	0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1400	0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1200	0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1000	0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 900	0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 800	0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 700	0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 600	0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 500	0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 400	0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 350	0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 300	0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 250	0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 200	0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 180	0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 150	0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 120	0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 100	0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 90	0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 80	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 70	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 60	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 50	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 40	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 30	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 20	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 10	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86

MONTH: MAY HOURS(IST): 1800-2000

CEILING

VISIBILITY IN STATUTE MILES

IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE		
FEET	1	10	0	5	4	3	2	1/2	2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0

NO CEIL	1	58.5	59.5	50.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 20000	1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000	1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 12000	1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1600	1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1400	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 400	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 300	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 200	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 100	1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS: 349

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(UT): 2100-2300

CEILING IN FEET		VISIBILITY IN STATUTE MILES																
		GE 1	GE 1 1/4	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 10	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	69.6	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000	1	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 18000	1	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	1	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 14000	1	82.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 12000	1	82.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 10000	1	93.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 9000	1	84.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 8000	1	88.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 7000	1	89.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000	1	91.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 5000	1	95.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4500	1	95.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4000	1	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	1	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	1	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	1	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	1	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	1	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	1	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	1	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	1	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	1	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	1	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	1	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	1	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	1	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	CI	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

VISIBILITY IN STATUTE MILES									
CEILING	IN	1	GE	10	GE	5	GE	4	GE
FEET	1	10	GE	5	GE	2	1 1/2	1 1/4	1 3/4
NO	CEIL	1	55.3	59.8	61.4	62.5	62.6	63.2	63.4
GE 20000	01	66.3	71.1	72.8	74.1	74.3	74.8	74.9	75.0
GE 18000	01	66.6	71.3	73.1	74.3	74.5	75.0	75.2	75.3
GE 16000	01	67.0	71.7	73.5	74.7	74.9	75.4	75.6	75.8
GE 14000	01	68.2	73.0	74.8	76.0	76.3	76.8	77.0	77.1
GE 12000	01	70.3	75.2	77.0	78.2	78.4	78.9	79.1	79.2
GE 10000	01	72.9	77.9	79.7	80.9	81.2	81.7	81.9	82.0
GE 9000	02	73.6	78.7	80.4	81.7	81.9	82.4	82.6	82.7
GE 8000	02	75.2	80.3	82.1	83.3	83.6	84.1	84.3	84.4
GE 7000	02	75.5	80.6	82.4	83.7	83.9	84.4	84.6	84.7
GE 6000	02	76.2	81.3	83.2	84.5	84.7	85.2	85.4	85.5
GE 5000	02	77.1	82.2	84.0	85.3	85.6	86.1	86.3	86.4
GE 4500	02	77.5	82.7	84.6	85.9	86.1	86.6	86.8	86.9
GE 4000	02	79.7	85.2	87.1	88.5	88.7	89.2	89.4	89.5
GE 3500	02	80.3	85.9	87.8	89.2	89.4	89.9	90.1	90.2
GE 3000	02	81.8	87.6	89.7	91.1	91.3	91.9	92.1	92.2
GE 2500	02	82.8	88.8	90.8	92.2	92.5	93.1	93.3	93.5
GE 2000	02	83.7	89.9	92.0	93.5	93.8	94.4	94.7	94.8
GE 1800	02	83.8	90.0	92.1	93.7	94.0	94.6	94.9	95.0
GE 1500	02	84.3	90.7	92.8	94.4	94.6	95.3	95.6	95.7
GE 1200	02	84.6	91.0	93.1	94.7	95.0	95.6	95.9	96.0
GE 1000	02	85.0	91.4	93.6	95.2	95.4	96.1	96.5	96.6
GE 900	02	85.0	91.5	93.7	95.2	95.5	96.2	96.5	96.6
GE 800	02	85.1	91.7	93.9	95.5	95.8	96.5	96.8	96.9
GE 700	02	85.1	91.8	94.0	95.6	95.9	96.6	96.9	97.0
GE 600	02	85.1	91.8	94.1	95.7	96.0	96.7	97.0	97.1
GE 500	02	85.2	92.0	94.3	95.9	96.2	96.9	97.3	97.4
GE 400	02	85.2	92.0	94.3	95.9	96.2	96.9	97.3	97.4
GE 300	02	85.3	92.0	94.3	95.9	96.2	97.0	97.3	97.5
GE 200	02	85.3	92.0	94.3	95.9	96.2	97.0	97.4	97.5
GE 100	02	85.3	92.0	94.3	95.9	96.2	97.0	97.4	97.5
GE	01	85.3	92.0	94.3	95.9	96.2	97.0	97.4	97.5

TOTAL NUMBER OF OBSERVATIONS: 3409

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-79,81-82
MONTH: JUN HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IN FEET	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170
NO CEIL	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1600	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1400	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 32

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): L600-0600

		VISIBILITY IN STATUTE MILES																			
CEILING		1		2		3		4		5		6		7		8					
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NO CEIL	1	51.3	61.1	65.8	70.3	71.1	72.6	73.5	73.5	73.5	74.4	74.4	74.4	74.4	74.4	74.4	75.4	75.4	75.4	75.4	75.4
GE 20000	1	57.0	67.6	72.0	77.2	76.4	80.0	80.9	80.9	80.9	81.7	81.9	81.9	81.9	81.9	81.9	82.9	82.9	82.9	82.9	82.9
GE 16000	1	57.1	67.5	72.9	77.5	76.6	80.3	81.1	81.1	81.1	82.0	82.2	82.2	82.2	82.2	82.2	83.2	83.2	83.2	83.2	83.2
GE 14000	1	57.3	68.0	73.0	77.6	76.8	80.4	81.3	81.3	81.3	82.2	82.3	82.3	82.3	82.3	82.3	83.4	83.4	83.4	83.4	83.4
GE 12000	1	57.7	68.5	73.5	78.1	79.2	80.9	81.7	81.7	81.7	82.6	82.8	82.8	82.8	82.8	82.8	83.8	83.8	83.8	83.8	83.8
GE 10000	1	59.6	70.5	75.6	80.1	81.3	82.9	83.8	83.8	83.8	84.7	84.8	84.8	84.8	84.8	84.8	85.9	85.9	85.9	85.9	85.9
GE 9000	1	62.9	74.1	79.4	84.2	85.4	87.0	87.9	87.9	87.9	88.8	89.0	89.0	89.0	89.0	89.0	90.0	90.0	90.0	90.0	90.0
GE 8000	1	64.4	75.6	80.9	85.7	86.9	88.7	89.5	89.5	89.5	90.4	90.6	90.6	90.6	90.6	90.6	91.6	91.6	91.6	91.6	91.6
GE 7000	1	66.6	77.9	83.2	88.1	89.2	91.0	91.9	91.9	91.9	92.8	92.9	92.9	92.9	92.9	92.9	94.0	94.0	94.0	94.0	94.0
GE 6000	1	67.2	78.5	83.8	88.7	89.8	91.6	92.5	92.5	92.5	93.4	93.5	93.5	93.5	93.5	93.5	94.6	94.6	94.6	94.6	94.6
GE 5000	1	67.6	78.9	84.2	89.1	90.3	92.0	92.9	92.9	92.9	93.8	94.0	94.0	94.0	94.0	94.0	95.0	95.0	95.0	95.0	95.0
GE 4500	1	68.3	79.7	85.0	89.8	91.0	92.8	93.7	93.7	93.7	94.6	94.7	94.7	94.7	94.7	94.7	95.7	95.7	95.7	95.7	95.7
GE 4000	1	68.3	79.7	85.0	89.8	91.0	92.8	93.7	93.7	93.7	94.6	94.7	94.7	94.7	94.7	94.7	95.7	95.7	95.7	95.7	95.7
GE 3500	1	68.8	80.1	85.6	90.4	91.6	93.4	94.3	94.3	94.3	95.1	95.3	95.3	95.3	95.3	95.3	96.3	96.3	96.3	96.3	96.3
GE 3000	1	68.8	80.1	85.6	90.4	91.6	93.4	94.3	94.3	94.3	95.1	95.3	95.3	95.3	95.3	95.3	96.3	96.3	96.3	96.3	96.3
GE 2500	1	68.9	80.3	85.7	90.7	91.9	93.7	94.6	94.6	94.6	95.4	95.6	95.6	95.6	95.6	95.6	96.6	96.6	96.6	96.6	96.6
GE 2000	1	69.5	80.9	86.3	91.3	92.5	94.3	95.1	95.1	95.1	96.0	96.2	96.2	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2
GE 1800	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 1600	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 1400	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 1200	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 1000	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 900	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 800	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 700	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 600	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 500	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 400	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 300	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 200	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 100	1	70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.0	96.9	97.1	97.1	97.1	97.1	97.1	98.1	98.1	98.1	98.1	98.1
GE 0	1	70.5	81.9	87.5	92.9	94.3	96.2	97.1	97.1	97.1	98.1	98.2	98.2	98.2	98.2	98.2	99.4	99.4	99.4	99.4	99.4
GE 0	1	70.5	81.9	87.5	92.9	94.3	96.2	97.1	97.1	97.1	98.1	98.2	98.2	98.2	98.2	98.2	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET		VISIBILITY IN STATUTE MILES																GE	J
		1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14		
NO CEIL	1	60.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 2000	1	74.6	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1800	1	74.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1600	1	74.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1400	1	77.5	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1200	1	80.6	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1000	1	84.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	1	85.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	1	85.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	1	86.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 600	1	86.9	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 500	1	87.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 400	1	87.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 300	1	87.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 200	1	88.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 100	1	89.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	1	92.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	1	94.6	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	1	94.6	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	1	95.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	1	95.9	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	96.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 661

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMS) FL PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2	1 1/2	1	1/2	1	3/4	5/8	1/2	5/16	1/4	1/8	0
NO	CEIL	1	37.2	38.1	38.1	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE	2000	53.5	54.9	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE	1800	54.3	55.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE	1600	54.3	55.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE	1400	57.3	58.8	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE	1200	61.1	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE	1000	66.2	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE	900	68.0	69.4	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE	800	71.3	72.7	72.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE	700	72.2	73.6	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE	600	72.6	74.0	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE	500	75.0	76.5	76.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE	450	75.9	77.3	77.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE	400	78.9	80.3	80.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE	350	80.5	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE	300	86.0	89.4	89.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	250	88.3	92.2	92.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	200	89.7	93.8	93.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	180	89.7	93.8	93.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	150	90.6	94.9	94.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	120	90.8	94.9	94.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	100	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	90	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	80	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	70	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	60	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	50	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	40	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	30	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	20	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	10	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	CL	91.0	95.0	95.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2300

CEILING		VISIBILITY IN STATUTE MILES										PERIOD OF RECORD: 77-86			
		1	2	3	4	5	6	7	8	9	10	1/2	5/8	1/2	5/16
FEET		1	2	3	4	5	6	7	8	9	10	1/2	5/8	1/2	5/16
No. CEIL		1	2	3	4	5	6	7	8	9	10	1/2	5/8	1/2	5/16
GE 20000	52.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	52.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	53.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	58.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	61.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	67.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	70.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	73.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	73.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	74.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	77.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	77.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	81.5	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	83.5	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	88.2	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	89.4	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	90.0	95.0	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	90.0	95.0	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	90.3	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	90.3	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	91.2	96.2	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	91.2	96.2	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	91.8	96.8	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	91.8	96.8	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	92.1	97.1	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	92.1	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	92.1	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	92.1	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	92.1	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	92.1	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	92.1	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF FILING VFKRUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL
PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(1ST): 2100-2300

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL
PERIOD OF RECORD: 77-78,80-81
MONTH: JUL HOURS(1ST): 0000-0200

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 16

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(ULST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IN FEET	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	75.9	85.5	87.5	89.2	89.7	88.9	88.9	88.9	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
CE 2000	1	80.6	90.2	92.4	93.1	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
CE 1800	1	80.6	90.2	92.4	93.1	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
CE 1600	1	80.6	90.2	92.4	93.1	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
CE 1400	1	80.6	90.2	92.4	93.1	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
CE 1200	1	81.3	90.9	93.1	93.9	94.3	94.6	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6
CE 1000	1	83.3	92.9	95.1	95.8	96.3	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5
CE 900	1	84.3	94.1	96.3	97.1	97.5	97.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8
CE 800	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 700	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 600	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 500	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 450	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 400	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 350	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 300	1	84.8	94.6	96.6	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
CE 250	1	84.8	94.8	97.1	97.9	98.3	98.5	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
CE 200	1	84.8	94.8	97.3	98.3	98.5	98.8	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
CE 180	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 160	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 140	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 120	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 100	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 90	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 80	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 70	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 60	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 50	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 40	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 30	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 20	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 10	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
CE 0	1	84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 407

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747500 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-0600

CEILING		VISIBILITY IN STATUTE MILES										PERIOD OF RECORD: 77-86									
FEET	IN	GE										MONTH: JUL HOURS(LST): 0600-0600									
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U				
NO CEIL		69.9	78.1	81.0	81.0	82.9	83.1	83.4	83.5	83.7	83.3	83.8	83.8	83.8	83.8	83.8	83.8				
GE 20000		76.8	85.3	88.9	88.9	91.5	91.6	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4				
GE 18000		77.1	85.6	89.2	89.2	91.8	91.9	92.2	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7				
GE 16000		77.2	85.8	89.4	89.4	91.9	92.1	92.4	92.5	92.7	92.6	92.8	92.8	92.8	92.8	92.8	92.8				
GE 14000		77.7	86.2	89.0	89.0	92.4	92.5	92.8	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3				
GE 12000		78.3	86.8	90.4	90.4	93.0	93.1	93.4	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9				
GE 10000		80.5	89.2	92.8	92.8	95.5	95.7	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4				
GE 9000		81.4	90.1	94.0	94.0	96.7	96.9	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6				
GE 8000		81.7	90.4	94.3	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9				
GE 7000		81.7	90.4	94.3	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9				
GE 6000		81.7	90.4	94.3	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9				
GE 5000		81.7	90.4	94.3	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9				
GE 4500		81.9	90.6	94.5	94.5	97.2	97.3	97.6	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1				
GE 4000		82.2	90.9	94.8	94.8	97.5	97.6	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4				
GE 3500		82.2	90.9	94.8	94.8	97.5	97.6	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4				
GE 3000		82.2	90.9	94.8	94.8	97.5	97.6	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4				
GE 2500		82.5	91.2	95.1	95.1	97.8	97.9	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7				
GE 2000		82.5	91.2	95.2	95.2	97.9	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8				
GE 1800		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 1500		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 1200		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 1000		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 900		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 800		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 700		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 600		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 500		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 400		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 300		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 200		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 100		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				
GE 0		82.6	91.3	95.4	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0				

TOTAL NUMBER OF OBSERVATIONS: 508

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747907 STATION NAME: AVON PARK (RNO) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

CEILING

VISIBILITY IN STATUTE MILES

IN	1	GE	5	6	GE	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
FEET	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0

NO	CEIL	1	65.7	67.8	67.8	66.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	66.3
GE	20000	83.2	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE	16000	84.2	86.4	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE	14000	84.8	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE	12000	85.9	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE	10000	88.5	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE	9000	91.1	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE	8000	92.1	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	7000	92.3	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	6000	92.3	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	5000	92.4	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	4500	92.4	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	4000	93.0	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	3500	93.7	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	3000	93.9	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	2500	95.1	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	2000	95.8	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1800	98.0	99.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1500	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1200	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1000	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	900	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	800	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	700	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	600	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	500	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	400	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	300	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	200	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	100	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	FI	98.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 671

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMB-9: 747967 STATION NAME: AVON PARK (RNO) FL PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 77-86			
IN FEET	1	10	0	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	MONTH: JUL HOURS(IST): 1200-1400			
NO CLIL	1	42.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 2000	0	64.7	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 1800	0	65.6	68.9	68.9	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1600	0	66.0	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 1400	0	70.1	73.5	73.5	73.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1200	0	73.0	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1000	0	75.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 900	0	77.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 800	0	77.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 700	0	78.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 600	0	78.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 500	0	78.7	81.7	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 450	0	79.4	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 400	0	82.1	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 350	0	84.8	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 300	0	89.1	93.4	93.4	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 250	0	92.3	96.8	96.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 200	0	93.6	98.2	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 180	0	93.6	98.2	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 150	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 120	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 90	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 80	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 70	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 60	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	0	93.9	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 652

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	27.0	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 20000		58.9	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000		60.7	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000		61.7	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000		64.0	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000		68.0	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000		72.8	74.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000		74.8	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000		77.6	79.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000		79.9	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000		80.7	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000		81.5	83.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4500		82.5	84.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000		84.1	86.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500		85.0	88.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000		89.2	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500		90.0	93.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000		91.0	94.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800		91.8	95.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500		91.8	95.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0		92.5	96.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 389

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																PERCENTAGE FREQUENCY			
FEET	10	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	5/8	1/2	5/16	1/4
NO CEIL	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 18000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 16000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 14000	79.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 12000	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 10000	87.6	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 9000	89.4	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 8000	91.9	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	92.5	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 6000	93.2	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 5000	94.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	94.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	95.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	95.7	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 00	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-66
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET		VISIBILITY IN STATUTE MILES																5E	
		GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4				
NO CEIL	1	52.4	56.3	57.2	57.7	57.6	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0		
GE 20000		70.8	75.0	76.1	76.8	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2		
GE 18000		71.7	75.8	77.0	77.6	77.7	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0		
GE 16000		72.1	76.2	77.4	78.0	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4		
GE 14000		74.5	78.6	79.7	80.4	80.5	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8		
GE 12000		76.7	80.8	82.0	82.7	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0		
GE 10000		79.9	84.2	85.4	86.1	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4		
GE 9000		81.5	85.8	87.0	87.7	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1		
GE 8000		82.6	86.9	88.2	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2		
GE 7000		83.1	87.4	88.7	89.4	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7		
GE 6000		83.2	87.6	88.9	89.6	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9		
GE 5000		83.8	88.3	89.5	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6		
GE 4500		84.2	88.6	89.9	90.6	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0		
GE 4000		85.4	89.9	91.3	92.0	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4		
GE 3500		86.5	91.2	92.6	93.4	93.5	93.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9		
GE 3000		88.3	93.4	95.0	95.8	95.9	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3		
GE 2500		89.6	94.9	96.5	97.4	97.5	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0		
GE 2000		90.3	95.7	97.4	98.3	98.5	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0		
GE 1800		90.4	95.8	97.5	98.4	98.6	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1		
GE 1500		90.6	96.0	97.7	98.7	98.8	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4		
GE 1200		90.6	96.0	97.7	98.7	98.8	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4		
GE 1000		90.6	96.1	97.8	98.8	99.0	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5		
GE 900		90.7	96.1	97.8	98.9	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 800		90.7	96.1	97.8	98.9	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 700		90.7	96.1	97.8	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 600		90.7	96.1	97.8	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 500		90.7	96.1	97.8	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 400		90.7	96.1	97.8	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 300		90.7	96.1	97.8	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 200		90.7	96.1	97.9	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 100		90.7	96.1	97.9	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 0		90.7	96.1	97.9	98.9	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7		

TOTAL NUMBER OF OBSERVATIONS: 2516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747907 STATION NAME: AVON PARK (RMU) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																			
IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
NO CEIL	78.9	86.8	87.0	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 20000	83.3	91.2	91.6	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 18000	83.3	91.2	91.6	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 16000	83.3	91.2	91.6	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 14000	83.5	91.4	91.9	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
GE 12000	84.0	91.9	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
GE 10000	86.8	94.7	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 9000	87.3	95.4	96.0	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 8000	87.7	95.8	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 7000	87.9	96.0	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 6000	87.9	96.0	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 5000	87.9	96.0	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 4500	87.9	96.0	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 4000	88.1	96.5	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 3500	88.1	96.5	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 3000	88.1	96.5	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 2500	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 2000	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1500	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1000	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 900	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 800	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 600	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 500	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 300	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 200	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 100	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE	88.6	97.1	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNO) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(ULSI): 0600-0800

VISIBILITY IN STATUTE MILES									
CEILING	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	0	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	1	67.9	75.4	77.4	77.8	78.0	78.3	78.3	78.3
GE 20000	1	75.7	84.0	80.3	87.1	87.2	87.5	87.5	87.5
GE 18000	1	75.7	84.0	80.3	87.1	87.2	87.5	87.5	87.5
GE 16000	1	76.0	84.3	80.6	87.3	87.5	87.8	87.8	87.8
GE 14000	1	77.0	85.3	87.0	88.3	88.5	88.8	88.8	88.8
GE 12000	1	79.6	88.1	93.4	91.1	91.2	91.5	91.5	91.5
GE 10000	1	81.7	90.5	94.5	93.5	93.7	94.0	94.0	94.0
GE 9000	1	82.4	91.2	93.5	94.2	94.4	94.7	94.8	94.8
GE 8000	1	83.7	92.5	94.8	95.5	95.7	96.0	96.1	96.1
GE 7000	1	84.2	92.9	95.3	96.0	96.1	96.4	96.5	96.5
GE 6000	1	84.3	93.1	95.4	96.1	96.3	96.5	96.7	96.7
GE 5000	1	84.7	93.5	95.3	96.5	96.7	97.0	97.1	97.1
GE 4500	1	84.7	93.5	95.6	96.5	96.7	97.0	97.1	97.1
GE 4000	1	84.7	93.5	95.6	96.5	96.7	97.0	97.1	97.1
GE 3500	1	85.0	93.6	96.1	96.8	97.0	97.3	97.4	97.4
GE 3000	1	85.2	94.0	96.3	97.0	97.1	97.4	97.6	97.6
GE 2500	1	85.5	94.2	96.5	97.3	97.4	97.7	97.8	97.8
GE 2000	1	85.6	94.4	96.7	97.4	97.6	97.8	98.0	98.0
GE 1800	1	85.6	94.4	96.7	97.4	97.6	97.8	98.0	98.0
GE 1500	1	85.9	94.7	97.1	98.0	98.1	98.4	98.6	98.6
GE 1200	1	86.0	94.8	97.3	98.3	98.4	98.7	98.8	98.8
GE 1000	1	86.0	94.8	97.3	98.3	98.4	98.7	98.8	98.8
GE 900	1	86.0	94.8	97.3	98.3	98.4	98.7	98.8	98.8
GE 800	1	86.0	94.8	97.3	98.3	98.4	98.7	98.8	98.8
GE 700	1	86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1
GE 600	1	86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1
GE 500	1	86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1
GE 400	1	86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1
GE 300	1	86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1
GE 200	1	86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1
GE 100	1	86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1
GE 0	1	86.2	95.0	97.4	98.6	98.7	99.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (KNU) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

VISIBILITY IN STATUTE MILES									
CEILING	1	2	3	4	5	6	7	8	9
FEET	10	20	30	40	50	60	70	80	90
NO CEIL	1	2	3	4	5	6	7	8	9
GE 20000	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 12000	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	80.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	84.8	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 7000	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	85.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	85.7	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4000	85.8	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3500	86.7	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000	88.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	92.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	95.6	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	96.0	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	96.6	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	96.7	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	96.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 676

USAFETAC

STATION: N

CEILING

1334
915

NO CELL 1

55 20001

170991 30
170992 30

GE 140,01

100021 30

•
•
•
•
•

	6	3
1000	9	3
1000	7	3

1008 37

63 7001

10739 36

37 30610

45001

4004 33

35001
30001

500

10752 39

39 20001

13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	75	77	79	81	83	85	87	89	91	93	95	97	99	101	103	105	107	109	111	113	115	117	119	121	123	125	127	129	131	133	135	137	139	141	143	145	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	195	197	199	201	203	205	207	209	211	213	215	217	219	221	223	225	227	229	231	233	235	237	239	241	243	245	247	249	251	253	255	257	259	261	263	265	267	269	271	273	275	277	279	281	283	285	287	289	291	293	295	297	299	301	303	305	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343	345	347	349	351	353	355	357	359	361	363	365	367	369	371	373	375	377	379	381	383	385	387	389	391	393	395	397	399	401	403	405	407	409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447	449	451	453	455	457	459	461	463	465	467	469	471	473	475	477	479	481	483	485	487	489	491	493	495	497	499	501	503	505	507	509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	549	551	553	555	557	559	561	563	565	567	569	571	573	575	577	579	581	583	585	587	589	591	593	595	597	599	601	603	605	607	609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	649	651	653	655	657	659	661	663	665	667	669	671	673	675	677	679	681	683	685	687	689	691	693	695	697	699	701	703	705	707	709	711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743	745	747	749	751	753	755	757	759	761	763	765	767	769	771	773	775	777	779	781	783	785	787	789	791	793	795	797	799	801	803	805	807	809	811	813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843	845	847	849	851	853	855	857	859	861	863	865	867	869	871	873	875	877	879	881	883	885	887	889	891	893	895	897	899	901	903	905	907	909	911	913	915	917	919	921	923	925	927	929
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

GE 12001

10001 30

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99

39 7021

1009 37

1

החלטתו של בית דין

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

39 2001

39 1001

10

• • • • •

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525

356

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	10	6	5	4	3	2	1 1/2	2	1	1/2	1	3/4	5/8	1/2	5/16
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO	CEIL	55.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE	20000	78.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE	18000	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE	16000	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE	14000	95.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	12000	87.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE	10000	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	9000	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	8000	94.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	7000	94.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	6000	94.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	5000	94.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	4500	94.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	4000	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	3500	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	3000	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	2500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 156

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747900 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 77-60
MONTH: AUG HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES																ALL			
IN	FEET	1	1/2	1	1/2	2	1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14
GE	FEET	1	1/2	1	1/2	2	1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	1	54.5	57.2	57.0	57.8	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	1	73.7	76.6	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 18000	1	74.2	77.1	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 16000	1	74.6	77.5	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 14000	1	77.6	80.5	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 12000	1	79.8	82.8	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 10000	1	84.0	87.1	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000	1	85.3	88.5	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 8000	1	86.4	89.6	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 7000	1	86.4	89.9	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	1	87.1	90.3	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 5000	1	87.4	90.7	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4500	1	87.7	90.9	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	1	88.4	91.7	92.5	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	1	89.1	92.5	93.2	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	1	91.5	95.0	95.8	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	1	92.8	96.6	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	1	93.5	97.2	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	1	93.5	97.2	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	1	93.7	97.5	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	1	93.8	97.6	98.5	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	1	93.9	97.7	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	1	93.9	97.7	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	1	93.9	97.7	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	1	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	1	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	1	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	1	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	1	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	1	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	1	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 3631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 75,80-81
MONTH: SEP HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES											
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN	FEET	10	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 20000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 18000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 16000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 14000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 12000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 10000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 9000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 8000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 6000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	1	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 16

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747560 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 76-85			
		1		1 1/2		2		3		4		5		6		7					
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	1	1/2	1	1/2	2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	1/4	1/4	1/4	1/4	1/4
NO	CEIL	1	61.9	76.3	74.0	61.4	81.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE	20000	63.1	84.7	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	18000	63.1	84.7	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	16000	63.1	84.7	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	14000	63.1	84.7	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	12000	64.5	86.2	89.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE	10000	86.7	86.7	91.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE	9000	87.0	87.0	92.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	8000	88.1	89.6	93.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	7000	88.7	90.4	93.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE	6000	89.3	91.0	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	5000	89.3	91.0	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	4500	89.3	91.0	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	4000	89.3	91.0	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	3500	89.3	91.0	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	3000	90.7	92.4	95.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	2500	91.0	92.7	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	2000	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1800	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1500	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1200	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1000	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	900	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	800	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	700	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	600	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	500	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	400	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	300	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	200	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	100	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	0	91.5	93.5	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 754

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(UT): 0600-0800

		VISIBILITY IN STATUTE MILES																			
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FLEET	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	U		
NO CEIL	1	48.0	59.3	62.0	66.3	67.0	68.7	69.5	69.5	71.4	71.5	71.5	72.1	72.1	72.1	72.1	72.2	72.2	72.2		
GE 20000		54.4	67.3	71.7	75.8	76.6	78.6	79.5	79.5	81.5	82.0	82.0	82.7	82.7	82.7	82.7	83.0	83.0	83.0		
GE 18000		54.4	67.3	71.7	75.8	76.6	78.6	79.5	79.5	81.5	82.0	82.0	82.7	82.7	82.7	82.7	83.0	83.0	83.0		
GE 16000		54.5	67.8	72.2	76.4	77.3	79.3	80.1	80.1	82.2	82.7	82.7	83.3	83.3	83.3	83.3	83.7	83.7	83.7		
GE 14000		55.9	69.2	73.6	77.8	78.6	80.6	81.5	81.5	83.5	84.0	84.0	84.7	84.7	84.7	84.7	85.0	85.0	85.0		
GE 12000		56.1	71.7	76.1	80.6	81.5	83.5	84.5	84.5	86.5	87.0	87.0	87.7	87.7	87.7	87.7	88.0	88.0	88.0		
GE 10000		62.3	76.3	80.6	85.2	86.0	88.0	89.1	89.1	91.1	91.6	91.6	92.3	92.3	92.3	92.3	92.6	92.6	92.6		
GE 9000		63.3	77.3	81.6	86.2	87.0	89.1	90.1	90.1	92.1	92.6	92.6	93.3	93.3	93.3	93.3	93.6	93.6	93.6		
GE 8000		64.5	78.8	83.2	87.7	88.6	90.6	91.6	91.6	93.6	94.1	94.1	94.8	94.8	94.8	94.8	95.1	95.1	95.1		
GE 7000		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.3	95.3	95.6	95.6	95.6		
GE 6000		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.3	95.3	95.6	95.6	95.6		
GE 5000		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.3	95.3	95.6	95.6	95.6		
GE 4500		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.3	95.3	95.6	95.6	95.6		
GE 4000		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.3	95.3	95.6	95.6	95.6		
GE 3500		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.3	95.3	95.6	95.6	95.6		
GE 3000		65.5	80.0	84.5	89.1	89.9	91.9	92.9	92.9	94.9	95.5	95.5	96.1	96.1	96.1	96.1	96.5	96.5	96.5		
GE 2500		65.8	80.3	84.8	89.4	90.2	92.3	93.3	93.3	95.3	95.8	95.8	96.5	96.5	96.5	96.5	96.8	96.8	96.8		
GE 2000		66.3	81.0	85.5	90.1	90.9	92.9	93.9	93.9	96.0	96.5	96.5	97.1	97.1	97.1	97.1	97.5	97.5	97.5		
GE 1800		66.3	81.0	85.5	90.1	90.9	92.9	93.9	93.9	96.0	96.5	96.5	97.1	97.1	97.1	97.1	97.5	97.5	97.5		
GE 1500		66.7	81.3	85.9	90.4	91.2	93.3	94.3	94.3	96.3	96.8	96.8	97.5	97.5	97.5	97.5	97.8	97.8	97.8		
GE 1200		66.7	81.3	85.9	90.4	91.2	93.3	94.3	94.3	96.3	96.8	96.8	97.5	97.5	97.5	97.5	97.8	97.8	97.8		
GE 1000		66.8	81.8	86.4	90.9	91.8	93.8	94.8	94.8	97.0	97.6	97.6	98.3	98.3	98.3	98.3	98.7	98.7	98.7		
GE 900		66.8	81.8	86.4	90.9	91.8	93.8	94.8	94.8	97.0	97.6	97.6	98.3	98.3	98.3	98.3	98.7	98.7	98.7		
GE 800		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	98.7	98.7	99.0	99.0	99.0		
GE 700		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	98.7	98.7	99.0	99.0	99.0		
GE 600		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	98.7	98.7	99.2	99.2	99.2		
GE 500		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	98.7	98.7	99.5	99.5	99.5		
GE 400		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	98.7	98.7	99.5	99.5	99.5		
GE 300		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	98.7	98.7	99.7	99.7	99.7		
GE 200		67.2	82.2	86.9	91.4	92.3	94.6	95.8	95.8	98.1	98.8	98.8	99.5	99.5	99.5	99.5	100.0	100.0	100.0		
GE 100		67.2	82.2	86.9	91.4	92.3	94.6	95.8	95.8	98.1	98.8	98.8	99.5	99.5	99.5	99.5	100.0	100.0	100.0		
GE	CI	67.2	82.2	86.9	91.4	92.3	94.6	95.8	95.8	98.1	98.8	98.8	99.5	99.5	99.5	99.5	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMB_R: 747967 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-83
MONTH: SEP HOURS (LST): 2100-2300

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RWS) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(IST): ALL

CEILING IN FEET		VISIBILITY IN STATUTE MILES										ALL			
		1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7
NO CEIL	1	47.2	52.3	53.5	54.6	54.7	55.4	55.5	55.5	55.5	55.9	55.9	56.0	56.0	56.1
GE 20000		64.4	70.0	71.5	72.8	73.0	73.7	73.9	73.9	73.9	74.3	74.4	74.5	74.5	74.6
GE 16000		64.6	70.5	72.1	73.3	73.5	74.2	74.4	74.4	74.4	74.6	74.9	75.0	75.0	75.1
GE 14000		65.1	70.6	72.4	73.7	73.9	74.6	74.7	74.7	74.7	75.2	75.3	75.4	75.4	75.5
GE 12000		67.6	73.3	74.9	76.2	76.4	77.1	77.3	77.3	77.3	77.7	77.8	77.9	77.9	78.0
GE 10000		71.3	77.3	78.9	80.3	80.4	81.1	81.3	81.3	81.3	81.7	81.8	82.0	82.0	82.1
GE 9000		75.2	81.4	83.0	84.4	84.6	85.2	85.4	85.4	85.4	85.9	86.0	86.1	86.2	86.2
GE 8000		76.0	82.2	83.8	85.2	85.4	86.1	86.3	86.3	86.3	86.7	86.8	86.9	87.0	87.0
GE 7000		77.6	84.0	85.9	87.3	87.5	88.2	88.4	88.4	88.4	88.8	88.9	89.1	89.1	89.2
GE 6000		78.4	84.7	86.5	88.0	88.2	88.9	89.1	89.1	89.1	89.5	89.6	89.7	89.8	89.8
GE 5000		79.0	85.3	87.2	88.6	88.8	89.5	89.7	89.7	89.7	90.1	90.2	90.4	90.4	90.5
GE 4000		79.3	85.7	87.6	89.1	89.3	89.9	90.1	90.1	90.1	90.6	90.7	90.8	90.8	90.9
GE 3500		79.5	85.9	87.8	89.3	89.5	90.2	90.4	90.4	90.4	90.8	90.9	91.1	91.1	91.2
GE 3000		80.0	86.5	88.4	89.9	90.1	90.8	91.0	91.0	91.0	91.4	91.5	91.7	91.7	91.8
GE 2500		80.4	87.0	88.9	90.4	90.6	91.3	91.5	91.5	91.5	91.9	92.0	92.2	92.2	92.3
GE 2000		82.7	89.4	91.3	92.9	93.1	93.8	94.0	94.0	94.0	94.5	94.6	94.8	94.8	94.9
GE 1800		84.5	91.3	93.5	95.1	95.3	96.1	96.3	96.3	96.3	96.8	96.9	97.1	97.1	97.2
GE 1600		85.3	92.3	94.5	96.2	96.4	97.2	97.4	97.4	97.4	98.0	98.1	98.3	98.3	98.4
GE 1400		85.9	92.8	95.1	96.8	97.0	97.8	98.0	98.0	98.0	98.6	98.7	98.8	98.9	98.9
GE 1200		85.9	92.8	95.1	96.8	97.0	97.8	98.1	98.1	98.1	98.6	98.7	98.8	98.9	99.0
GE 1000		86.0	93.0	95.2	96.9	97.1	98.0	98.2	98.2	98.2	98.8	98.9	99.1	99.2	99.2
GE 900		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.3
GE 800		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 700		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 600		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 500		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 400		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 300		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 200		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 100		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4
GE 0		86.2	93.2	95.4	97.1	97.3	98.0	98.3	98.3	98.3	98.9	99.0	99.2	99.3	99.4

TOTAL NUMBER OF OBSERVATIONS: 2354

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747507 STATION NAME: AVON PARK (RND) FL

PERIOD OF RECORD: 90-01
MONTH: OCT HOURS(LST): 0300-0200

CELLINGS		VISIBILITY IN STATUTE MILES																			
IN	FEET	1	10	5	4	3	2	1 1/2	1	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	1/16	1/32	0
NO	CEILING	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	20000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	18000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	16000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	14000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	12000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	10000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	9000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	8000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	7000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	6000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	5000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	4000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	3500	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	3000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	2500	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	2000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	1800	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	1500	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	1200	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	1000	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	900	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	800	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	700	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	600	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	500	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	400	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	300	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	200	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	100	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	0	1	64.7	62.4	60.2	59.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2

TOTAL NUMBER OF OBSERVATIONS: 17

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747907 STATION NAME: AVIN PARK (RND) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0300-0500

		VISIBILITY IN STATUTE MILES																	
		CEILING	1	GE	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		FEET	1	GE	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE	2000	65.3	79.4	82.0	84.5	85.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE	1600	65.3	79.4	82.0	84.5	85.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE	1200	65.6	79.7	82.3	85.1	85.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE	1000	65.0	79.5	82.8	86.1	86.6	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE	900	66.8	81.2	84.1	87.4	87.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE	800	67.4	81.7	84.6	87.9	88.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE	700	67.9	82.3	85.1	88.4	88.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE	600	68.1	82.5	85.3	89.7	89.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE	500	68.4	82.8	85.6	88.9	89.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE	400	68.9	83.3	86.1	89.5	90.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	300	69.2	83.5	86.4	89.7	90.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE	200	70.2	84.6	87.4	90.7	91.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE	100	70.2	85.1	87.9	91.3	91.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE	0	70.2	85.1	87.9	91.3	91.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE	2500	70.2	85.9	88.7	92.0	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE	2000	70.2	85.9	88.7	92.0	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE	1800	70.2	85.9	88.7	92.0	92.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE	1500	71.2	86.9	89.7	93.1	93.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	1200	71.2	86.9	89.7	93.1	93.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	1000	71.5	87.1	90.0	93.3	93.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	900	71.5	87.1	90.0	93.3	93.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	800	71.5	87.1	90.0	93.3	93.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	700	71.7	87.7	90.5	93.8	94.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	600	71.7	87.9	90.7	94.1	94.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	500	71.7	88.1	91.0	94.6	95.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	400	71.7	88.2	91.0	94.6	95.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	300	71.7	88.2	91.0	94.6	95.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	200	71.7	88.2	91.0	94.6	95.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	100	71.7	88.2	91.0	94.6	95.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	0	71.7	88.2	91.0	94.6	95.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS: 369

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747263 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0600

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 76-85			
		1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
IN	FEET	1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
GE	20000	48.3	56.6	61.2	63.3	63.5	65.4	66.1	66.8	67.9	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE	18000	56.9	65.7	70.9	73.2	73.7	75.8	76.5	77.5	78.9	79.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE	16000	57.2	66.1	71.3	73.5	74.0	76.1	76.8	77.8	79.2	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE	14000	57.8	66.8	72.2	74.5	74.9	77.1	77.7	78.7	80.1	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	12000	59.5	68.5	73.9	76.1	76.6	78.7	79.4	80.4	81.8	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE	10000	63.1	72.5	77.8	80.1	80.6	82.7	83.3	84.4	85.8	85.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	9000	63.6	73.9	79.2	81.7	82.1	84.3	84.9	86.1	87.5	87.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE	8000	64.4	74.6	80.0	82.4	82.9	85.0	85.6	86.9	88.2	88.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE	7000	65.0	75.4	80.7	83.2	83.6	85.8	86.4	87.6	89.0	89.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	6000	65.0	75.4	80.7	83.2	83.6	85.8	86.4	87.6	89.0	89.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	5000	65.9	76.3	81.7	84.1	84.6	86.7	87.3	88.5	89.9	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	4000	66.8	77.2	82.6	85.0	85.5	87.6	88.2	89.4	90.8	91.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	3500	67.3	77.8	83.2	85.6	86.2	88.4	89.0	90.2	91.6	91.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE	3000	67.6	78.3	83.6	86.0	86.7	88.8	89.4	90.7	92.0	92.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	2500	67.9	79.1	84.4	87.0	87.5	89.6	90.2	91.4	92.8	93.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	2000	68.2	79.4	84.7	87.3	87.8	89.9	90.5	91.7	93.1	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	1800	68.2	79.4	84.7	87.3	87.8	89.9	90.5	91.7	93.1	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	1500	68.3	79.5	84.9	87.5	87.9	90.1	90.7	91.9	93.3	93.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	1200	68.3	79.5	84.9	87.5	87.9	90.1	90.7	91.9	93.3	93.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	1000	68.3	79.5	84.9	87.5	87.9	90.1	90.7	91.9	93.3	93.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	900	68.3	79.5	84.9	87.5	87.9	90.1	90.7	91.9	93.3	93.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	800	68.5	79.7	85.0	87.6	88.1	90.2	90.8	92.4	93.9	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	700	68.7	80.1	85.5	88.1	88.5	90.7	91.3	93.0	94.5	94.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	600	68.8	80.6	85.9	88.5	89.0	91.1	91.7	93.4	95.0	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	500	68.8	80.6	85.9	88.5	89.0	91.1	91.7	93.4	95.0	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	400	68.8	80.6	85.9	88.5	89.0	91.1	91.7	93.4	95.0	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	300	68.8	80.6	85.9	88.5	89.0	91.1	91.7	93.4	95.0	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	200	68.8	80.6	85.9	88.5	89.0	91.1	91.7	93.4	95.0	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	100	68.8	80.6	85.9	88.5	89.0	91.1	91.7	93.4	95.0	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	0	68.8	80.7	86.1	88.8	89.6	91.9	92.7	94.6	96.3	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 654

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET		VISIBILITY IN STATUTE MILES																GE	J
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4			
NO CEIL	I	61.5	62.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9		
GE 20000	I	73.2	74.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8		
GE 16000	I	73.8	75.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4		
GE 15000	I	73.8	75.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4		
GE 14000	I	74.9	76.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4		
GE 12000	I	76.2	79.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8		
GE 10000	I	82.1	83.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8		
GE 9000	I	82.4	83.8	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1		
GE 8000	I	83.5	84.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2		
GE 7000	I	84.8	86.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5		
GE 6000	I	85.0	86.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7		
GE 5000	I	85.9	87.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6		
GE 4500	I	86.0	87.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7		
GE 4000	I	86.8	88.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5		
GE 3500	I	87.2	88.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1		
GE 3000	I	89.2	90.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2		
GE 2500	I	89.6	91.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8		
GE 2000	I	92.2	93.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3		
GE 1800	I	92.2	93.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3		
GE 1500	I	93.5	95.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8		
GE 1200	I	93.7	95.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0		
GE 1000	I	94.1	95.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4		
GE 900	I	94.3	96.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0		
GE 800	I	94.6	96.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3		
GE 700	I	94.7	96.7	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8		
GE 600	I	94.9	96.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9		
GE 500	I	95.0	97.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 400	I	95.0	97.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 300	I	95.0	97.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 200	I	95.0	97.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 100	I	95.0	97.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 0	I	95.0	97.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		

TOTAL NUMBER OF OBSERVATIONS: 665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 75-85
MONTH: OCT HOURS(LST): 1200-1400

VISIBILITY IN STATUTE MILES												
CEILING	1	2	3	4	5	6	7	8	9	10	11	12
FEET	100	200	300	400	500	600	700	800	900	1000	1200	1400
NO CEIL	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 10000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE CI	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 76-85			
		1		2		3		4		5		6		7		8		MONTH: OCT HOURS(LST): 1500-1700			
FEET		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3		4		5		6		7		8					
		1		2		3															

GLOBAL CLIMATOLOGY BRANCH
USAF/LTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(1ST): 1800-2000

VISIBILITY IN STATUTE MILES									
CEILING	IN	1	GE	0	5	4	3	2	1
FEET	10	GE	5	GE	2	1	1/2	1	1/4
		GE	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 14000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 12000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 10000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 6000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4500	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 328

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 16-85
MONTH: OCT HOURS(ULST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	0	5	4	3	2	1 1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0			
NO	CEIL	1	77.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE	2000	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE	1800	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE	1600	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE	1400	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE	1200	83.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	1000	88.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE	900	88.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE	800	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE	700	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE	600	93.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	500	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	450	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	400	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	350	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	300	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	250	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	200	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	1800	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	1500	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	1200	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	1000	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	900	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	800	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	700	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	600	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	500	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	400	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	300	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	200	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	100	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	0	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 86

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(UT): ALL

CEILING		VISIBILITY IN STATUTE MILES																GE		DE		SE	
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE						
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
NO CEIL	1	56.1	61.5	62.9	63.7	63.8	64.2	64.4	64.4	64.4	64.6	64.9	64.9	64.9	65.1	65.1	65.1	65.2	65.3	65.3	65.3		
GE 20000	1	70.3	74.0	75.5	76.3	76.5	77.0	77.2	77.2	77.2	77.4	77.8	77.8	77.8	78.1	78.1	78.1	78.2	78.3	78.3	78.3		
GE 18000	1	70.5	74.2	75.7	76.6	76.7	77.2	77.4	77.4	77.4	77.6	78.0	78.0	78.0	78.3	78.3	78.3	78.4	78.5	78.5	78.5		
GE 16000	1	70.6	74.3	75.8	76.7	76.8	77.4	77.5	77.5	77.5	77.6	78.1	78.1	78.1	78.4	78.4	78.4	78.5	78.7	78.7	78.7		
GE 14000	1	71.6	75.3	76.9	77.7	77.9	78.4	78.6	78.6	78.6	78.8	79.2	79.2	79.2	79.5	79.5	79.5	79.6	79.7	79.7	79.7		
GE 12000	1	74.0	77.7	79.3	80.2	80.3	80.9	81.0	81.0	81.0	81.3	81.6	81.6	81.6	82.0	82.0	82.0	82.1	82.2	82.2	82.2		
GE 10000	1	77.4	81.2	82.8	83.7	83.8	84.4	84.5	84.5	84.5	84.8	85.1	85.1	85.1	85.5	85.5	85.5	85.6	85.8	85.8	85.8		
GE 9000	1	78.2	82.2	83.8	84.8	84.9	85.4	85.6	85.6	85.6	85.9	86.2	86.2	86.2	86.6	86.6	86.6	86.7	86.9	86.9	86.9		
GE 8000	1	79.8	83.9	85.5	86.4	86.6	87.1	87.3	87.3	87.3	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.4	88.5	88.5	88.5		
GE 7000	1	81.0	85.2	86.8	87.7	87.9	88.4	88.5	88.5	88.5	88.6	89.2	89.2	89.2	89.6	89.6	89.6	89.7	89.8	89.8	89.8		
GE 6000	1	81.5	85.7	87.3	88.2	88.4	88.9	89.0	89.0	89.0	89.3	89.7	89.7	89.7	90.1	90.1	90.1	90.2	90.3	90.3	90.3		
GE 5000	1	82.4	86.6	88.3	89.2	89.3	89.9	90.0	90.0	90.0	90.2	90.6	90.6	90.6	91.0	91.0	91.0	91.1	91.3	91.3	91.3		
GE 4500	1	83.0	87.2	88.9	89.8	89.9	90.5	90.6	90.6	90.6	90.9	91.2	91.2	91.2	91.6	91.6	91.6	91.7	91.9	91.9	91.9		
GE 4000	1	84.3	88.5	90.2	91.1	91.2	91.8	91.9	91.9	91.9	92.2	92.5	92.5	92.5	92.9	92.9	92.9	93.0	93.2	93.2	93.2		
GE 3500	1	85.2	89.6	91.2	92.1	92.3	92.8	93.0	93.0	93.0	93.3	93.6	93.6	93.6	94.0	94.0	94.0	94.1	94.3	94.3	94.3		
GE 3000	1	86.4	90.9	92.5	93.5	93.7	94.2	94.3	94.3	94.3	94.7	95.0	95.0	95.0	95.4	95.4	95.4	95.5	95.7	95.7	95.7		
GE 2500	1	87.1	91.8	93.4	94.4	94.5	95.1	95.2	95.2	95.2	95.5	95.9	95.9	95.9	96.2	96.2	96.2	96.4	96.5	96.5	96.5		
GE 2000	1	87.9	92.7	94.4	95.4	95.6	96.1	96.2	96.2	96.2	96.6	96.9	96.9	96.9	97.3	97.3	97.3	97.4	97.6	97.6	97.6		
GE 1800	1	87.9	92.7	94.4	95.4	95.6	96.1	96.2	96.2	96.2	96.6	96.9	96.9	96.9	97.3	97.3	97.3	97.4	97.6	97.6	97.6		
GE 1500	1	88.4	93.3	95.0	96.0	96.1	96.7	96.8	96.8	96.8	97.2	97.5	97.5	97.5	97.9	97.9	97.9	98.0	98.2	98.2	98.2		
GE 1200	1	88.4	93.3	95.1	96.1	96.2	96.7	96.9	96.9	96.9	97.2	97.6	97.6	97.6	98.0	98.0	98.0	98.1	98.3	98.3	98.3		
GE 1000	1	88.5	93.5	95.2	96.2	96.3	96.9	97.0	97.0	97.0	97.4	97.7	97.7	97.7	98.1	98.1	98.1	98.3	98.4	98.4	98.4		
GE 900	1	88.6	93.5	95.3	96.3	96.4	97.0	97.1	97.1	97.1	97.5	97.9	97.9	97.9	98.3	98.3	98.3	98.4	98.5	98.5	98.5		
GE 800	1	88.7	93.6	95.4	96.4	96.5	97.1	97.2	97.2	97.2	97.6	98.0	98.0	98.0	98.5	98.5	98.5	98.6	98.8	98.8	98.8		
GE 700	1	88.8	93.8	95.6	96.7	96.8	97.4	97.5	97.5	97.5	98.0	98.4	98.4	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1		
GE 600	1	88.8	93.9	95.8	96.8	96.9	97.5	97.6	97.6	97.6	98.2	98.5	98.5	98.5	99.0	99.0	99.0	99.1	99.2	99.2	99.2		
GE 500	1	88.8	94.0	95.9	97.0	97.1	97.8	98.0	98.0	98.0	98.5	98.8	98.8	98.8	99.2	99.2	99.2	99.3	99.5	99.5	99.5		
GE 400	1	88.8	94.0	95.9	97.0	97.2	97.8	98.0	98.0	98.0	98.5	98.8	98.8	98.8	99.3	99.3	99.3	99.4	99.6	99.6	99.6		
GE 300	1	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE 200	1	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE 100	1	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7		
GE	100	88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.1	98.6												

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RM6) FL

PERIOD OF RECORD: 79-80
 MONTH: NOV HOURS(LST): 0000-0200

VISIBILITY IN STATUTE MILES

IN	1	GE	0	5	4	3	2	1 1/2	2	1	1/2	1	1/4	SE	GE	3/4	5/8	1/2	5/16	GE	1/4	U
FEET	1	10																				
NO CEIL	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2500	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1800	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1500	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1200	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1000	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 500	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 400	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 300	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 200	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 100	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 0	1	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7

TOTAL NUMBER OF OBSERVATIONS: 6

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(UT): 0300-0500

VISIBILITY IN STATUTE MILES

IN FEET	1	GL 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GL 5/16	GE 1/4	GE 0
NO CEIL	45.4	55.1	61.1	62.7	62.7	62.7	62.7	64.9	64.9	64.9	68.6	69.2	69.2	69.7	69.7	70.3	71.9
GE 20000	48.6	58.4	64.3	65.9	65.9	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 18000	48.6	58.4	64.3	65.9	65.9	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 16000	48.6	58.4	64.3	65.9	65.9	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 14000	48.6	58.4	64.3	65.9	65.9	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 12000	50.3	60.0	65.9	67.6	67.6	67.6	67.6	69.7	69.7	69.7	73.5	74.1	74.1	74.6	74.6	75.1	76.8
GE 10000	51.9	62.7	69.2	70.8	70.8	70.8	70.8	73.0	73.0	73.0	76.8	77.3	77.3	77.8	77.8	78.4	80.0
GE 9000	51.9	62.7	69.2	70.8	70.8	70.8	70.8	73.0	73.0	73.0	76.8	77.3	77.3	77.8	77.8	78.4	80.0
GE 8000	53.0	63.8	70.3	72.4	72.4	72.4	72.4	74.6	74.6	74.6	78.4	78.9	78.9	79.5	79.5	80.0	81.6
GE 7000	53.0	63.8	70.3	72.4	72.4	72.4	72.4	74.6	74.6	74.6	78.4	78.9	78.9	79.5	79.5	80.0	81.6
GE 6000	53.5	64.3	71.8	73.0	73.0	73.0	73.0	75.1	75.1	75.1	78.9	79.5	79.5	80.0	80.0	80.5	82.2
GE 5000	54.1	64.9	71.4	74.1	74.1	74.1	74.1	76.2	76.2	76.2	80.0	80.5	80.5	81.1	81.1	81.6	83.2
GE 4500	54.1	64.9	71.4	74.1	74.1	74.1	74.1	76.2	76.2	76.2	80.0	80.5	80.5	81.1	81.1	81.6	83.2
GE 4000	55.7	66.5	73.0	75.7	75.7	75.7	75.7	77.8	77.8	77.8	81.6	82.2	82.2	82.7	82.7	83.2	84.9
GE 3500	56.2	67.6	74.1	76.8	76.8	76.8	76.8	78.9	78.9	78.9	82.7	83.2	83.2	83.8	83.8	84.3	85.9
GE 3000	57.3	69.7	75.2	78.9	78.9	78.9	78.9	81.1	81.1	81.1	84.9	85.4	85.4	85.9	85.9	86.5	88.1
GE 2500	58.4	70.8	77.3	80.0	80.0	80.0	80.0	82.2	82.2	82.2	85.9	86.5	86.5	87.0	87.0	87.6	89.2
GE 2000	58.9	71.4	77.8	80.5	80.5	80.5	80.5	82.7	82.7	82.7	86.5	87.0	87.0	87.6	87.6	88.1	89.7
GE 1800	58.9	71.4	77.8	80.5	80.5	80.5	80.5	82.7	82.7	82.7	86.5	87.0	87.0	87.6	87.6	88.1	89.7
GE 1500	60.0	72.4	78.9	81.6	81.6	81.6	81.6	83.8	83.8	83.8	87.6	88.1	88.1	88.6	88.6	89.2	90.8
GE 1200	60.0	73.0	79.5	82.2	82.2	82.2	82.2	84.3	84.3	84.3	88.1	88.6	88.6	89.2	89.2	89.7	91.4
GE 1000	60.0	73.0	79.5	82.2	82.2	82.2	82.2	84.3	84.3	84.3	88.1	88.6	88.6	89.2	89.2	89.7	91.4
GE 900	60.0	73.0	79.5	82.2	82.2	82.2	82.2	84.3	84.3	84.3	88.1	88.6	88.6	89.2	89.2	89.7	91.4
GE 800	60.0	73.0	79.5	82.2	82.2	82.2	82.2	84.3	84.3	84.3	88.1	88.6	88.6	89.2	89.2	89.7	91.4
GE 700	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 600	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 500	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 400	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 300	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 200	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 100	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 0	60.5	75.1	81.6	84.3	84.3	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5

TOTAL NUMBER OF OBSERVATIONS: 185

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

.....VISIBILITY IN STATUTE MILES

	IN		GE		CF	GE	GF	GE	GF	GE	GF	GE	GF							
	FEEET		10	"	5	4	3	2	1/2	2	1	1/2	1	3/4	5/8	1/2	5/16	1/4	GE	GE

	NO CELL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
NO CELL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

[illegible][illegible][illegible]

75 1200000
 76 1200000
 77 1200000
 78 1200000
 79 1200000
 80 1200000
 81 1200000
 82 1200000
 83 1200000
 84 1200000
 85 1200000
 86 1200000
 87 1200000
 88 1200000
 89 1200000
 90 1200000
 91 1200000
 92 1200000
 93 1200000
 94 1200000
 95 1200000
 96 1200000
 97 1200000
 98 1200000
 99 1200000
 100 1200000

[illegible]

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
46.6	57.1	63.4	66.8	67.6	68.8	69.8	70.0	71.7	72.4	72.4	73.1	73.2	74.2	74.9																																																																																																

[illegible]

	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000					
40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0

[illegible][illegible]

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
84

[illegible]

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																																																																																
66E 1800	54.2	66.3	73.1	76.8	77.6	78.8	80.0	80.2	82.0	82.7	83.4	83.9	84.6	85.3	85.9	86.5	87.1	87.7	88.3	88.9	89.5	90.1	90.7	91.3	91.9	92.5	93.1	93.7	94.3	94.9	95.5	96.1	96.7	97.3	97.9	98.5	99.1	99.7	100.3	100.9	101.5	102.1	102.7	103.3	103.9	104.5	105.1	105.7	106.3	106.9	107.5	108.1	108.7	109.3	109.9	110.5	111.1	111.7	112.3	112.9	113.5	114.1	114.7	115.3	115.9	116.5	117.1	117.7	118.3	118.9	119.5	120.1	120.7	121.3	121.9	122.5	123.1	123.7	124.3	124.9	125.5	126.1	126.7	127.3	127.9	128.5	129.1	129.7	130.3	130.9	131.5	132.1	132.7	133.3	133.9	134.5	135.1	135.7	136.3	136.9	137.5	138.1	138.7	139.3	139.9	140.5	141.1	141.7	142.3	142.9	143.5	144.1	144.7	145.3	145.9	146.5	147.1	147.7	148.3	148.9	149.5	150.1	150.7	151.3	151.9	152.5	153.1	153.7	154.3	154.9	155.5	156.1	156.7	157.3	157.9	158.5	159.1	159.7	160.3	160.9	161.5	162.1	162.7	163.3	163.9	164.5	165.1	165.7	166.3	166.9	167.5	168.1	168.7	169.3	169.9	170.5	171.1	171.7	172.3	172.9	173.5	174.1	174.7	175.3	175.9	176.5	177.1	177.7	178.3	178.9	179.5	180.1	180.7	181.3	181.9	182.5	183.1	183.7	184.3	184.9	185.5	186.1	186.7	187.3	187.9	188.5	189.1	189.7	190.3	190.9	191.5	192.1	192.7	193.3	193.9	194.5	195.1	195.7	196.3	196.9	197.5	198.1	198.7	199.3	199.9	200.5	201.1	201.7	202.3	202.9	203.5	204.1	204.7	205.3	205.9	206.5	207.1	207.7	208.3	208.9	209.5	210.1	210.7	211.3	211.9	212.5	213.1	213.7	214.3	214.9	215.5	216.1	216.7	217.3	217.9	218.5	219.1	219.7	220.3	220.9	221.5	222.1	222.7	223.3	223.9	224.5	225.1	225.7	226.3	226.9	227.5	228.1	228.7	229.3	229.9	230.5	231.1	231.7	232.3	232.9	233.5	234.1	234.7	235.3	235.9	236.5	237.1	237.7	238.3	238.9	239.5

[illegible]

Year	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
1955	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1956	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1957	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1958	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1959	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1960	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1961	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1962	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1963	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1964	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1965	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1966	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1967	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1968	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1969	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0
1970	55.9	69.8	76.4	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	89.6	91.0

[illegible][illegible]

1. The first group of students (Group A) was assigned to read the text and identify the main idea of the passage. They were then asked to write a short paragraph summarizing the text in their own words.

[illegible]

CF	3001	56.8	70.2	70.0	83.2	84.2	86.4	88.0	88.1	91.2	92.7	92.9	94.6	94.9	96.6	96.8
CF	3001	56.8	70.2	70.0	83.2	84.2	86.4	88.0	88.1	91.2	92.7	92.9	94.6	94.9	96.6	96.8

[illegible]

	70-2	7-2	83-2	84-2	86-4	88-1	91-2	92-9	93-1	94-9	95-3	97-3	100-0		
GF	56-4	56-2	70-2	7-2	83-2	84-2	86-4	88-1	91-2	92-9	93-1	94-9	95-3	97-3	100-0

.....

TOTAL NUMBER OF OBSERVATIONS: 590

TOTAL NUMBER OF OBSERVATIONS: 590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(IST): 0900-1100

		VISIBILITY IN STATUTE MILES											
CEILING													
IN	FEET	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12
1	17	1	2	3	4	5	6	7	8	9	10	11	12
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12
GE	2000	53.1	55.8	56.5	57.0	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4
GE	1800	63.7	63.9	64.6	65.0	65.2	65.5	65.5	65.7	65.7	65.7	65.7	65.7
GE	1600	63.7	63.9	64.6	65.0	65.2	65.5	65.5	65.7	65.7	65.7	65.7	65.7
GE	1400	61.0	64.2	64.9	65.4	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0
GE	1200	62.1	65.4	66.0	66.5	66.7	67.0	67.0	67.2	67.2	67.2	67.2	67.2
GE	1000	64.2	67.5	68.1	68.6	68.8	69.1	69.1	69.3	69.3	69.3	69.3	69.3
GE	900	67.0	70.2	70.9	71.4	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0
GE	800	68.9	72.2	72.8	73.3	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9
GE	700	70.6	73.6	74.4	74.9	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6
GE	600	73.6	77.0	77.7	78.2	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8
GE	500	74.1	77.5	78.2	78.6	78.8	79.1	79.1	79.3	79.3	79.3	79.3	79.3
GE	400	75.2	78.6	79.4	79.9	80.1	80.4	80.4	80.6	80.6	80.6	80.6	80.6
GE	300	75.4	78.8	79.6	80.1	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7
GE	200	75.7	79.1	79.9	80.4	80.6	80.9	80.9	81.1	81.1	81.1	81.1	81.1
GE	100	76.5	80.1	80.9	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0
GE	0	79.0	82.7	83.5	84.1	84.3	84.8	84.8	85.0	85.0	85.0	85.0	85.0
GE	2500	80.7	84.6	85.4	86.1	86.2	86.7	86.7	86.9	86.9	86.9	86.9	86.9
GE	2000	81.4	85.3	86.2	86.9	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7
GE	1800	81.7	85.6	86.6	87.2	87.4	87.9	87.9	88.0	88.0	88.0	88.0	88.0
GE	1600	82.7	86.7	87.7	88.3	88.5	89.0	89.0	89.2	89.2	89.2	89.2	89.2
GE	1400	84.0	88.0	89.0	89.8	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6
GE	1200	85.4	90.0	90.9	91.9	92.1	92.6	92.6	92.7	92.7	92.7	92.7	92.7
GE	1000	86.1	90.6	91.7	92.7	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.7
GE	900	86.7	91.4	92.9	93.9	94.3	94.8	94.8	95.0	95.0	95.1	95.1	95.1
GE	800	87.4	92.2	94.0	95.1	95.6	96.1	96.1	96.3	96.3	96.4	96.4	96.4
GE	700	87.9	92.7	94.8	96.1	96.6	97.1	97.1	97.2	97.2	97.4	97.4	97.4
GE	600	88.0	92.9	95.3	97.1	97.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7
GE	500	88.0	92.9	95.3	97.1	97.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7
GE	400	88.0	92.9	95.3	97.1	97.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7
GE	300	88.0	92.9	95.3	97.1	97.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7
GE	200	88.0	92.9	95.3	97.1	97.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7
GE	100	88.0	92.9	95.3	97.1	97.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7
GE	0	88.0	92.9	95.3	97.1	97.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(IST): 1200-1400

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	1	3L	GE	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE
------------	---	----	----	---	---	---	---	-------	---	-------	-------	---	-----	-----	-----	------	-----	----

NO CEIL	51.1	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	63.0	63.0	63.0	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	64.3	64.3	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	66.4	66.4	66.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	70.4	70.4	70.4	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	72.5	72.5	72.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	75.5	75.5	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	76.3	76.3	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 6000	77.6	77.6	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	79.5	79.5	79.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4500	79.7	79.7	79.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	81.0	81.0	81.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	84.1	84.1	84.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	86.9	86.9	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	89.9	89.9	89.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	91.3	91.3	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800	91.7	91.7	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	94.9	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	95.9	95.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	96.2	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	96.6	96.6	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 200	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 100	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RM3) FL MONTH: NOV HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 76-85			
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0					
NO CEIL		54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000		64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000		65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000		65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000		66.4	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000		69.1	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000		71.9	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000		72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 8000		75.5	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 7000		77.0	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000		78.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000		82.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500		83.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000		85.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500		87.9	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000		90.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500		92.6	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000		93.1	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800		93.1	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500		95.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200		95.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0		95.2	97.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 538

Y OF OCCURRENCE OF CELL FROM HOURLY OBSERVATIONS

MONTH: NOV HOURS(LST): 1800-2000

..... VISIBILITY IN STATUTE MILES

[illegible]

1957

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL MONTH: NOV PERIOD OF RECORD: 76-85 HOURS(UT): 2100-2300

CEILING										VISIBILITY IN STATUTE MILES									
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	IN	1	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	0	5	4	3	2	1 1/2	1 1/4	1	1 1/2	1	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CELL	1	81.0	83.3	85.7	88.1	90.5	92.9	95.2	97.6	99.9	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 20000	83.3	85.7	88.1	90.5	92.9	95.2	97.6	99.9	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 18000	83.3	85.7	88.1	90.5	92.9	95.2	97.6	99.9	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 6000	83.3	85.7	88.1	90.5	92.9	95.2	97.6	99.9	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 14000	83.3	85.7	88.1	90.5	92.9	95.2	97.6	99.9	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 12000	88.1	90.5	92.9	95.2	97.6	99.9	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 10000	89.3	91.7	94.1	96.5	98.9	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 9000	89.3	91.7	94.1	96.5	98.9	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 8000	92.9	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 7000	92.9	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 6000	92.9	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 5000	92.9	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 4500	92.9	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 4000	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 3500	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 3000	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 2500	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 2000	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 1800	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 1500	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 1200	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 1000	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 900	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 800	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 700	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 600	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 500	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 400	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 300	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 200	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 100	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0
GE 0	95.2	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	86.9	89.3	91.7	94.1	96.5	98.9	100.0	0

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RMG) FL

PERIOD OF RECORD: 83-81,83
MONTH: DEC HOURS(UT): 0700-0200

VISIBILITY IN STATUTE MILES									
CEILING	1	2	3	4	5	6	7	8	9
FEET	1/4	1/2	3/4	1	1 1/2	2	3	4	5
NO CEIL	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 20000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 18000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 16000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 14000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 12000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 10000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 9000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0300-0500

VISIBILITY IN STATUTE MILES												
CEILING	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN	1	10	0	5	4	3	2	1 1/2	1	1/4	1	3/4
FEET	1	10	0	5	4	3	2	1 1/2	1	1/4	1	3/4
NO	CEIL	1	39.4	45.2	47.7	47.7	47.7	50.3	50.3	50.3	50.3	51.0
GE 20000	41.9	49.0	51.6	51.6	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8
GE 18000	41.9	49.0	51.6	51.6	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8
GE 16000	41.9	49.0	51.6	51.6	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8
GE 14000	41.9	49.0	51.6	51.6	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8
GE 12000	42.6	49.7	52.3	52.3	52.3	52.3	52.3	54.8	54.8	54.8	54.8	55.5
GE 10000	43.2	50.3	52.9	52.9	52.9	52.9	52.9	55.5	55.5	55.5	55.5	56.1
GE 9000	43.9	51.0	53.5	53.5	53.5	53.5	53.5	56.1	56.1	56.1	56.1	56.8
GE 8000	45.2	52.3	54.8	54.8	54.8	54.8	54.8	57.4	57.4	57.4	57.4	58.1
GE 7000	45.2	52.3	54.8	54.8	54.8	54.8	54.8	57.4	57.4	57.4	57.4	58.1
GE 6000	45.8	52.9	55.5	55.5	55.5	55.5	55.5	58.1	58.1	58.1	58.1	58.7
GE 5000	45.8	53.5	56.8	56.8	56.8	56.8	56.8	59.4	59.4	59.4	59.4	60.0
GE 4500	46.5	54.8	58.1	58.1	58.1	58.1	58.1	60.6	60.6	60.6	60.6	61.3
GE 4000	48.4	56.8	60.6	60.6	60.6	60.6	60.6	63.2	63.2	63.2	63.2	63.9
GE 3500	49.7	58.1	61.9	61.9	61.9	61.9	61.9	64.5	64.5	64.5	64.5	65.2
GE 3000	51.0	59.4	63.2	63.2	63.2	63.2	63.2	65.8	65.8	65.8	65.8	66.5
GE 2500	52.3	60.6	64.5	64.5	64.5	64.5	64.5	67.1	67.1	67.1	67.1	67.7
GE 2000	54.2	63.2	67.1	67.1	67.1	67.1	67.1	70.3	70.3	70.3	70.3	71.0
GE 1500	54.2	63.2	67.1	67.1	67.1	67.1	67.1	70.3	70.3	70.3	70.3	71.0
GE 1200	54.2	63.2	67.1	67.1	67.1	67.1	67.1	70.3	70.3	70.3	70.3	71.0
GE 1000	55.5	64.5	69.7	69.7	69.7	69.7	69.7	73.5	73.5	73.5	73.5	74.8
GE 900	55.5	64.5	69.7	69.7	69.7	69.7	69.7	73.5	73.5	73.5	73.5	74.8
GE 800	56.1	65.2	71.0	71.0	71.0	71.0	71.0	74.8	74.8	74.8	74.8	75.5
GE 700	56.1	65.2	71.0	71.0	71.0	71.0	71.0	74.8	74.8	74.8	74.8	75.5
GE 600	56.1	65.2	71.0	71.0	71.0	71.0	71.0	74.8	74.8	74.8	74.8	75.5
GE 500	56.1	65.2	71.0	71.0	71.0	71.0	71.0	74.8	74.8	74.8	74.8	75.5
GE 400	57.4	67.1	74.2	74.2	74.2	74.2	74.2	76.8	76.8	76.8	76.8	77.4
GE 300	57.4	67.1	74.2	74.2	74.2	74.2	74.2	76.8	76.8	76.8	76.8	77.4
GE 200	57.4	67.1	74.2	74.2	74.2	74.2	74.2	76.8	76.8	76.8	76.8	77.4
GE 100	57.4	67.1	74.2	74.2	74.2	74.2	74.2	76.8	76.8	76.8	76.8	77.4
GE 0	57.4	67.1	74.2	74.2	74.2	74.2	74.2	76.8	76.8	76.8	76.8	77.4

TOTAL NUMBER OF OBSERVATIONS: 155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RND) FL PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(IST): 06JUN-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NO	CEIL	1.0	34.8	40.2	43.0	44.4	44.6	46.2	47.2	47.5	48.7	49.3	49.3	51.0	51.0	51.8	54.9
GE	20000	1.0	37.6	43.6	46.4	47.9	48.0	49.7	50.7	51.0	52.3	53.1	53.1	54.7	54.7	55.6	58.8
GE	18000	1.0	37.9	44.0	46.7	48.2	48.4	50.0	51.0	51.3	52.6	53.4	53.4	55.1	55.1	55.9	59.2
GE	16000	1.0	37.9	44.0	46.7	48.2	48.4	50.0	51.0	51.3	52.6	53.4	53.4	55.1	55.1	55.9	59.2
GE	14000	1.0	38.1	44.1	46.9	48.4	48.5	50.2	51.1	51.5	52.8	53.6	53.6	55.2	55.2	56.0	59.3
GE	12000	1.0	39.4	45.6	48.7	50.2	50.5	52.1	53.1	53.4	54.7	55.6	55.6	57.2	57.2	58.0	61.3
GE	10000	1.0	41.0	47.2	50.3	52.1	52.5	54.1	55.1	55.4	56.7	57.5	57.5	59.2	59.2	60.0	63.2
GE	9000	1.0	41.3	47.5	50.7	52.5	52.8	54.4	55.4	55.7	57.0	57.8	57.8	59.5	59.5	60.3	63.6
GE	8000	1.0	42.5	48.7	51.8	53.8	54.1	55.7	56.7	57.0	58.3	59.2	59.2	60.8	60.8	61.6	65.0
GE	7000	1.0	43.0	49.2	52.3	54.2	54.6	56.5	57.5	57.8	59.2	60.0	60.0	61.6	61.6	62.4	65.8
GE	6000	1.0	43.6	49.8	52.9	54.9	55.2	57.4	58.3	58.7	60.0	60.8	60.8	62.4	62.4	63.2	66.7
GE	5000	1.0	45.9	52.3	55.6	57.5	57.8	60.0	60.9	61.3	62.6	63.4	63.4	65.0	65.0	65.8	69.3
GE	4500	1.0	46.7	53.4	56.7	58.7	59.0	61.1	62.1	62.4	63.7	64.5	64.5	66.2	66.2	67.0	70.4
GE	4000	1.0	48.5	55.4	58.8	61.1	61.4	63.6	64.5	64.9	66.2	67.0	67.0	68.6	68.6	69.4	72.9
GE	3500	1.0	50.2	57.0	60.8	62.9	63.2	65.5	66.5	66.8	68.1	69.0	69.0	70.6	70.6	71.4	74.8
GE	3000	1.0	50.8	57.8	61.8	63.9	64.2	66.7	67.6	68.0	69.3	70.1	70.1	71.7	71.7	72.5	76.0
GE	2500	1.0	52.3	60.0	63.9	66.3	66.7	69.1	70.1	70.4	71.7	72.5	72.5	74.2	74.2	75.0	78.4
GE	2000	1.0	53.6	62.1	66.0	68.6	69.0	71.6	72.5	72.9	74.2	75.0	75.0	76.6	76.6	77.5	80.9
GE	1800	1.0	53.6	62.1	66.0	68.6	69.0	71.6	72.5	72.9	74.2	75.0	75.0	76.6	76.6	77.5	80.9
GE	1500	1.0	54.7	63.0	67.5	70.3	70.6	73.2	74.3	74.7	76.0	76.8	76.8	78.4	78.4	79.2	82.6
GE	1200	1.0	54.9	63.9	68.0	70.8	71.1	73.7	74.8	75.2	76.5	77.3	77.3	79.0	79.0	80.1	83.7
GE	1000	1.0	55.6	64.7	69.0	72.1	72.4	75.2	76.3	76.6	77.9	78.8	78.8	80.9	80.9	81.7	85.3
GE	900	1.0	55.6	65.4	69.7	73.5	73.9	76.6	77.8	78.1	79.4	80.2	80.2	82.4	82.4	83.2	86.8
GE	800	1.0	56.0	66.3	70.3	74.8	75.2	77.9	79.2	79.6	80.9	81.7	81.7	83.8	83.8	84.6	88.2
GE	700	1.0	56.0	66.5	71.7	75.3	75.3	78.6	79.9	80.2	81.5	82.4	82.4	84.5	84.5	85.3	88.9
GE	600	1.0	56.2	66.7	71.9	75.9	76.3	79.4	80.7	81.0	82.5	83.3	83.3	85.5	85.5	86.4	90.0
GE	500	1.0	56.2	66.7	72.2	76.1	76.6	80.7	82.0	82.4	83.8	84.8	84.8	87.4	87.4	88.7	92.3
GE	400	1.0	56.7	67.2	72.9	77.1	77.6	81.9	83.5	83.8	85.6	86.8	86.8	89.9	89.9	91.2	94.9
GE	300	1.0	56.7	67.3	73.0	77.3	77.9	82.2	83.8	84.2	86.3	87.1	87.1	90.4	90.4	92.3	96.4
GE	200	1.0	56.7	67.3	73.0	77.3	77.9	82.2	83.8	84.2	86.3	87.1	87.1	90.4	90.4	92.3	96.4
GE	100	1.0	56.7	67.3	73.0	77.3	77.9	82.2	83.8	84.2	86.3	87.1	87.1	90.4	90.4	92.3	96.4
GE	0	1.0	56.7	67.3	73.0	77.3	77.9	82.2	83.8	84.2	86.3	87.1	87.1	90.4	90.4	92.3	96.4

TOTAL NUMBER OF OBSERVATIONS: 612

FROM HOURLY OBSERVATIONS

0: 76-85

.....

37	39	39	39	39
----	----	----	----	----

.....

51.5 51.5 51.6 51.6 51.6 52.1

Year	1997	1998	1999	2000
59.7	59.7	59.8	59.8	65.3

[illegible]

	61.1	61.1	61.2	61.2	61.7
61.1	61.1	61.1	61.2	61.2	61.7

63.9	63.9	64.1	64.1	64.5
------	------	------	------	------

0 37 0 37 0 37 0 37 0 37 0 37

67.2	67.2	67.3	67.3	67.3	67.8
------	------	------	------	------	------

	69.5	69.7	69.7	69.7	70.2
--	------	------	------	------	------

71.0	71.0	71.1	71.1	71.1	71.6
------	------	------	------	------	------

	73.3	73.5	73.5	73.9
	74.7	74.8	74.8	74.8

	75.5	75.5	75.7	75.7	76.1
--	------	------	------	------	------

[illegible]

4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
8

81.5	81.5	81.6	81.6	81.6	82.1
------	------	------	------	------	------

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

	85.9	85.9	86.0	86.3	86.0	86.5
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						

87.3	87.3	87.4	87.4	87.4	87.4
------	------	------	------	------	------

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	0
99	0
100	0

	90.0	90.0	90.1	90.1	90.6
90.0	90.0	90.0	90.1	90.1	90.6

	91.7	91.7	91.8	91.8	92.3
91.7	91.7	91.7	91.8	91.8	92.3

92.6	92.6	93.1	93.1	93.1	93.6
7.0	7.0	7.0	7.0	7.0	7.0
92.6	92.6	93.1	93.1	93.1	93.6

[illegible]

	97.0	97.3	97.8	98.1	98.9
97.0					
97.1					
97.2					
97.3					
97.4					
97.5					
97.6					
97.7					
97.8					
97.9					
98.0					
98.1					
98.2					
98.3					
98.4					
98.5					
98.6					
98.7					
98.8					
98.9					
99.0					

97.5	97.5	98.4	98.4	98.7	99.7
------	------	------	------	------	------

	91.03	91.03	90.04	90.04	90.07	100.00
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						

[illegible]

.....

137

£37

GLOBAL CLIMATOLOGY BRANCH
USAFETC
AIR WEATHER SERVICE/MAC

.....

[illegible]

648

VERSUS VISIBILITY

U: 76-85

VISIBILITY IN STATUTE MILES

GE	GE	GE
1/2	5/16	1/4
		0

Year	1951	1952	1953	1954	1955	1956	1957	1958	1959
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000
GDP	100	110	120	130	140	150	160	170	180
Unemployment	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
Inflation	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
Interest Rate	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
Government Spending	10	12	14	16	18	20	22	24	26
Tax Revenue	8	9	10	11	12	13	14	15	16
Public Debt	0	1	2	3	4	5	6	7	8
Trade Balance	0	1	2	3	4	5	6	7	8
Foreign Investment	0	1	2	3	4	5	6	7	8
Research & Development	0	1	2	3	4	5	6	7	8
Healthcare Spending	0	1	2	3	4	5	6	7	8
Education Spending	0	1	2	3	4	5	6	7	8
Defense Spending	0	1	2	3	4	5	6	7	8
Infrastructure Spending	0	1	2	3	4	5	6	7	8
Environmental Spending	0	1	2	3	4	5	6	7	8
Space Program	0	1	2	3	4	5	6	7	8
Art & Culture	0	1	2	3	4	5	6	7	8
Science & Technology	0	1	2	3	4	5	6	7	8
Transportation	0	1	2	3	4	5	6	7	8
Energy	0	1	2	3	4	5	6	7	8
Environment	0	1	2	3	4	5	6	7	8
Health	0	1	2	3	4	5	6	7	8
Education	0	1	2	3	4	5	6	7	8
Defense	0	1	2	3	4	5	6	7	8
Infrastructure	0	1	2	3	4	5	6	7	8
Environment	0	1	2	3	4	5	6	7	8
Health	0	1	2	3	4	5	6	7	8
Education	0	1	2	3	4	5	6	7	8
Defense	0	1	2	3	4	5	6	7	8
Infrastructure	0	1	2	3	4	5	6	7	8
Environment	0	1	2	3	4	5	6	7	8
Health	0	1	2	3	4	5	6	7	8
Education	0	1	2	3	4	5	6	7	8
Defense	0	1	2	3	4	5	6	7	8
Infrastructure	0	1	2	3	4	5	6	7	8
Environment	0	1	2	3	4	5	6	7	8
Health	0	1	2	3	4	5	6	7	8
Education	0	1	2	3	4	5	6	7	8
Defense	0	1	2	3	4	5	6	7	8
Infrastructure	0	1	2	3	4	5	6	7	8
Environment	0	1	2	3	4	5	6	7	8
Health	0	1	2	3	4	5	6	7	8
Education	0	1	2	3	4	5	6	7	8
Defense	0	1	2	3	4	5	6	7	8
Infrastructure	0	1	2	3	4	5	6	7	8
Environment	0	1	2	3	4	5	6	7	8
Health	0	1	2	3	4	5	6	7	8
Education	0	1	2	3	4	5	6	7	8
Defense	0								

64.8 64.8 64.8

[illegible]

2001 2001 2001 2001

76.2	76.2	76.2
------	------	------

81.4 81.4 81.4 81.4

0
U
0

0
U
0

0
U
0

	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.09	3.10	3.11	3.12	3.13	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.48	3.49	3.50	3.51	3.52	3.53	3.54	3.55	3.56	3.57	3.58	3.59	3.60	3.61	3.62	3.63	3.64	3.65	3.66	3.67	3.68	3.69	3.70	3.71	3.72	3.73	3.74	3.75	3.76	3.77	3.78	3.79	3.80	3.81	3.82	3.83	3.84	3.85	3.86	3.87	3.88	3.89	3.90	3.91	3.92	3.93	3.94	3.95	3.96	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5
--	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	---

61.9	61.6	61.6	61.9
------	------	------	------

93.2 93.2 93.2 93.2

	93.2	93.2	93.2
	95.7	96.7	96.7

1. **Introduction**

	98.3	96.3	98.3	96.3
--	------	------	------	------

[illegible]

00.0	100.0	100.0	100.0
------	-------	-------	-------

	00.0	100.0	100.0	100.6
00.0	100.0	100.0	100.0	100.6

00.0 100.0 100.0 100.0

00.0 103.0 100.0 100.0

543

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RMJ) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1800-2300

CEILING		VISIBILITY IN STATUTE MILES										PERIOD OF RECORD: 76-85									
IN	FEET	1	2	3	4	5	6	10	1	2	3	4	5	6	10	1	2	3	4	5	6
		1	2	3	4	5	6	10	1	2	3	4	5	6	10	1	2	3	4	5	6
NO	CEIL	1	2	3	4	5	6	10	1	2	3	4	5	6	10	1	2	3	4	5	6
GE	2000	70.2	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE	1800	70.2	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE	1600	71.0	71.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE	1400	72.2	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE	1200	75.4	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE	1000	76.2	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE	900	79.0	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE	800	79.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	700	79.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	600	81.3	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE	500	83.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE	400	86.5	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	300	88.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE	200	89.7	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE	100	90.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	2500	90.5	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	2000	92.1	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	1800	92.1	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	1500	93.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	1200	93.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	1000	94.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	900	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	800	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	700	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	600	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	500	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	400	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	300	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	200	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	100	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	0	94.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 252

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 76-85			
IN FEET	1	10	6	5	4	3	2	1 1/2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	1/16	1/32
NO CEIL	1	66.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 20000	1	68.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	1	68.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	1	73.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	1	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	1	73.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000	1	75.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	1	77.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	1	81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	1	81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	1	81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	1	85.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	1	86.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	1	87.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	1	89.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	1	90.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	1	90.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	1	90.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 75-85
MONTH: DEC HOURS(LST): ALL

		VISIBILITY IN STATUTE MILES															
CEILING		GE												GE			
IN	FEET	1	10	0	5	4	3	2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NO CEIL	1	.7	45.7	49.0	50.3	50.7	50.8	51.3	51.5	51.6	51.8	52.0	52.0	52.0	52.5	52.5	52.7
GE 2000	1	.7	54.9	57.5	56.8	59.3	59.3	59.8	60.0	60.1	60.4	60.6	60.6	61.0	61.1	61.1	61.4
GE 1800	1	.7	55.3	57.9	59.2	59.7	59.7	60.3	60.5	60.5	60.8	61.0	61.0	61.5	61.5	61.5	61.8
GE 1600	1	.7	55.4	58.0	59.3	59.8	59.8	60.4	60.6	60.7	60.9	61.2	61.2	61.7	61.7	61.7	61.9
GE 1400	1	.7	56.2	58.8	60.1	60.6	60.7	61.2	61.4	61.5	61.8	62.0	62.0	62.5	62.5	62.5	62.8
GE 1200	1	.7	58.6	61.3	62.6	63.1	63.2	63.7	63.9	64.0	64.3	64.6	64.6	65.0	65.0	65.3	66.3
GE 1000	1	.7	61.3	64.1	65.4	66.0	66.1	66.6	66.8	66.9	67.2	67.5	67.5	67.9	67.9	68.2	69.2
GE 900	1	.7	62.3	65.0	66.4	67.0	67.1	67.7	67.9	67.9	68.3	68.5	68.5	69.0	69.0	69.2	70.3
GE 800	1	.7	64.4	67.3	68.7	69.4	69.5	70.0	70.2	70.3	70.6	70.8	70.8	71.3	71.3	71.6	72.6
GE 700	1	.7	65.0	68.0	69.4	70.1	70.2	70.8	71.0	71.1	71.4	71.7	71.7	72.1	72.1	72.4	73.5
GE 600	1	.7	66.3	69.2	70.6	71.4	71.5	72.1	72.4	72.4	72.7	73.0	73.0	73.5	73.5	73.7	74.8
GE 500	1	.7	68.4	71.4	73.0	73.8	73.9	74.5	74.7	74.8	75.1	75.4	75.4	75.8	75.8	76.1	77.1
GE 450	1	.7	69.5	72.6	74.3	75.0	75.1	75.8	76.0	76.0	76.4	76.6	76.6	77.1	77.1	77.3	78.4
GE 400	1	.7	71.4	74.6	76.4	77.2	77.3	78.0	78.2	78.2	78.6	78.8	78.8	79.3	79.3	79.5	80.6
GE 350	1	.7	72.5	75.9	77.8	78.6	78.8	79.5	79.7	79.7	80.0	80.3	80.3	80.8	80.8	81.0	82.1
GE 300	1	.7	74.2	77.8	79.7	80.6	80.8	81.5	81.7	81.8	82.1	82.3	82.3	82.8	82.8	83.0	84.1
GE 250	1	.7	75.4	79.3	81.4	82.4	82.5	83.2	83.4	83.5	83.8	84.0	84.0	84.5	84.5	84.8	85.8
GE 200	1	.7	76.8	81.0	83.2	84.2	84.4	85.2	85.4	85.5	85.8	86.0	86.0	86.5	86.5	86.8	87.8
GE 180	1	.7	77.0	81.4	83.7	84.7	84.8	85.7	85.9	85.9	86.3	86.5	86.5	87.0	87.0	87.2	88.3
GE 150	1	.7	78.5	83.1	85.4	86.5	86.6	87.6	87.8	87.9	88.2	88.5	88.5	89.0	89.0	89.2	90.3
GE 120	1	.7	79.0	83.7	86.0	87.0	87.1	88.2	88.4	88.5	88.8	89.1	89.1	89.6	89.6	89.9	91.0
GE 100	1	.7	79.9	84.6	87.1	88.4	88.5	89.7	89.9	90.0	90.3	90.6	90.6	91.2	91.2	91.4	92.5
GE 90	1	.7	80.1	85.0	87.7	89.0	89.1	90.3	90.6	90.6	91.0	91.2	91.2	91.8	91.8	92.0	93.1
GE 80	1	.7	80.6	85.7	88.5	90.1	90.3	91.5	91.9	91.9	92.3	92.6	92.6	93.1	93.1	93.4	94.5
GE 70	1	.7	80.8	86.0	89.0	90.7	90.9	92.1	92.5	92.6	92.9	93.2	93.2	93.8	93.8	94.0	95.1
GE 60	1	.7	80.9	86.2	89.2	91.0	91.2	92.5	92.9	92.9	93.3	93.6	93.6	94.2	94.2	94.5	95.6
GE 50	1	.7	81.3	86.7	90.0	91.9	92.1	93.7	94.1	94.1	94.6	94.9	94.9	95.6	95.6	95.9	97.0
GE 40	1	.7	81.5	86.9	90.3	92.2	92.6	94.1	94.7	94.7	95.1	95.7	95.7	96.7	96.7	97.0	98.2
GE 30	1	.7	81.5	87.0	90.5	92.3	92.7	94.3	94.8	94.9	95.3	95.9	95.9	96.9	96.9	97.4	98.8
GE 20	1	.7	81.5	87.0	90.4	92.4	92.7	94.4	94.9	95.0	95.4	96.0	96.0	97.1	97.1	97.7	99.4
GE 10	1	.7	81.5	87.0	90.4	92.4	92.7	94.5	95.0	95.0	95.5	96.1	96.1	97.2	97.2	97.9	99.9
GE 0	1	.7	81.5	87.0	90.4	92.4	92.7	94.5	95.0	95.0	95.5	96.1	96.1	97.2	97.2	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNO) FL PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LEST): ALL

CEILING		VISIBILITY IN STATUTE MILES																ALL			
IN	FEET	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
NO	CEIL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GE	20000	1	64.2	67.9	57.2	58.1	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE	18000	1	64.6	68.4	70.6	70.7	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE	16000	1	64.9	68.4	70.6	70.7	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE	14000	1	65.3	70.1	71.8	72.8	73.0	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE	12000	1	68.4	72.3	74.0	75.0	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE	10000	1	71.5	75.5	77.3	78.4	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE	9000	1	72.6	76.6	78.4	79.5	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE	8000	1	74.3	78.4	80.2	81.3	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE	7000	1	75.1	79.2	81.1	82.2	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	6000	1	75.7	79.9	81.8	82.9	83.0	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	5000	1	77.0	81.2	83.2	84.3	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE	4500	1	77.6	81.8	83.8	84.9	85.1	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE	4000	1	79.0	83.4	85.4	86.6	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE	3500	1	80.0	84.5	86.5	87.7	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE	3000	1	82.0	86.7	88.7	90.0	90.2	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	2500	1	83.4	88.2	90.5	91.7	91.9	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE	2000	1	84.3	89.3	91.6	93.0	93.2	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE	1800	1	84.4	89.4	91.7	93.1	93.3	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	1500	1	85.3	90.2	92.5	94.0	94.2	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	1200	1	85.3	90.5	92.9	94.3	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	1000	1	85.7	91.0	93.4	94.9	95.2	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	900	1	85.8	91.1	93.6	95.1	95.3	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	800	1	85.9	91.3	93.8	95.4	95.6	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	700	1	86.0	91.4	94.0	95.6	95.8	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	600	1	86.1	91.5	94.1	95.7	96.0	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	500	1	86.1	91.6	94.3	96.0	96.2	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	400	1	86.2	91.6	94.4	96.1	96.3	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	300	1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	200	1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	100	1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	0	1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 39497

SKY COVER USE WITH CAUTION
SEE FIRST PAGE

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

<u>EIGHTS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10
 Scattered was converted to 3/10
 Broken was converted to 9/10
 Overcast was converted to 10/10
 Obscured was converted to 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	100.0											0.0	1
03-05	38.8			20.8						15.3	25.1	4.5	183
06-08	22.8			32.0						20.9	24.3	5.3	650
09-11	14.5			36.2						24.2	25.1	5.0	685
12-14	6.5			35.8						31.5	24.3	6.3	674
15-17	6.3			37.9						36.6	19.3	6.4	607
18-20	14.0			41.5						28.7	15.9	5.4	258
21-23	35.2			27.3						15.9	21.6	4.4	88
TOTALS	30.0			28.9						21.6	19.5	4.8	3146

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	43.1			36.9						16.9	3.1	2.9	65
03-05	34.9			24.1						13.8	27.2	4.7	195
06-08	21.7			29.2						23.6	25.5	5.5	607
09-11	13.1			30.1						31.2	25.6	6.3	648
12-14	7.7			37.3						34.4	20.6	6.3	622
15-17	4.7			40.0						35.3	19.2	6.3	573
18-20	15.2			45.1						29.9	9.8	5.0	328
21-23	42.7			35.4						12.4	9.6	3.1	178
TOTALS	22.9			34.9						24.7	17.6	5.0	3216

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	44.4			11.1						16.7	27.8	4.6	18
03-05	36.5			28.9						19.9	14.7	4.1	211
06-08	16.0			36.1						26.2	21.7	5.6	673
09-11	13.1			35.2						34.3	17.4	5.9	724
12-14	7.6			41.4						39.5	11.5	5.9	698
15-17	6.7			47.1						32.0	14.2	5.7	646
18-20	13.7			50.1						24.9	11.2	4.9	365
21-23	41.7			37.5						11.8	9.0	3.1	144
TOTALS	22.5			35.9						25.7	15.9	5.0	3479

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	63.2			26.3						10.5		1.7	38
03-05	46.6			24.1						15.1	14.2	3.5	232
06-08	21.5			44.0						21.5	13.0	4.6	632
09-11	15.0			49.0						25.5	10.5	4.8	667
12-14	9.8			49.2						29.3	11.7	5.3	656
15-17	6.3			48.0						31.2	12.5	5.5	606
18-20	18.8			51.5						21.5	8.2	4.3	330
21-23	52.0			35.4						10.2	2.4	2.2	127
TOTALS	29.4			40.9						20.6	9.1	4.0	3288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747903 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
03-02	38.9			50.0						5.6	5.6	2.6	18
03-05	37.0			33.5						19.0	10.5	3.8	400
06-08	15.7			41.3						29.0	14.0	5.2	649
09-11	6.9			47.6						33.9	11.3	5.6	663
12-14	1.4			52.3						36.2	10.1	5.8	644
15-17	1.4			47.4						39.8	11.4	6.1	561
18-20	8.9			35.8						39.5	15.8	6.2	349
21-23	19.4			31.7						32.4	16.5	5.5	139
TOTALS	16.2			42.5						29.4	11.9	5.1	3423

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
03-02	37.5			31.3						18.8	12.5	3.9	32
03-05	28.7			46.9						17.5	6.9	3.7	422
06-08	11.2			51.2						28.4	9.2	5.0	672
09-11	4.9			50.1						38.5	6.5	5.6	678
12-14	.3			42.7						47.6	9.4	6.5	662
15-17				35.6						47.6	16.6	7.0	565
18-20	.9			30.6						47.6	20.9	7.3	340
21-23	11.7			33.6						35.1	19.5	6.1	154
TOTALS	11.9			40.3						35.1	12.7	5.6	3525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790J STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	18.8			43.8						18.8	18.8	4.9	16
03-05	32.5			50.7						13.3	3.4	3.1	406
06-08	3.7			61.6						27.6	7.0	5.0	667
09-11	1.2			50.4						41.6	6.9	5.9	671
12-14				35.4						53.5	11.0	7.0	652
15-17				23.4						56.3	20.3	7.8	552
18-20	.5			22.4						52.4	24.7	7.9	389
21-23	3.1			40.4						38.5	18.0	6.5	161
TOTALS	7.5			41.0						37.8	13.8	6.0	3514

STATION NUMBER: 74790J STATION NAME: AVON PARK (RMG) FL PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	4.3			52.2						21.7	21.7	5.7	23
03-05	31.1			49.3						12.6	7.0	3.3	454
06-08	2.3			62.3						29.4	5.0	5.1	695
09-11	.6			52.5						41.0	5.9	5.9	697
12-14				40.4						49.4	10.2	6.7	676
15-17				23.2						60.2	16.6	7.8	573
18-20	1.1			19.7						53.7	25.6	8.0	356
21-23	5.7			45.2						28.0	21.0	6.0	157
TOTALS	5.6			43.1						37.0	14.3	6.1	3631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747560 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: SEP

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.5			43.6						6.3	12.5	3.1	16
03-05	32.3			42.6						16.1	6.8	3.6	353
06-08	2.7			57.3						31.0	9.0	5.4	588
09-11	.7			46.4						43.0	9.9	6.3	593
12-14				36.0						49.1	12.9	6.9	574
15-17				28.8						50.6	20.4	7.5	451
18-20	2.0			28.3						43.8	25.9	7.4	251
21-23	13.9			41.6						20.6	23.8	5.5	101
TOTALS	11.1			40.9						32.6	15.4	5.7	2927

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	64.7			23.5						5.9	5.9	1.8	17
03-05	37.4			40.1						15.4	7.2	3.3	377
06-08	9.3			51.1						29.7	9.9	5.2	646
09-11	4.8			52.6						36.6	5.7	5.5	665
12-14	1.1			44.8						45.1	9.1	6.3	659
15-17	2.4			49.5						37.4	10.7	5.9	580
18-20	18.6			44.5						22.9	14.0	4.8	328
21-23	46.5			31.4						8.1	14.0	3.1	86
TOTALS	23.1			42.2						25.2	9.6	4.5	3358

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747900 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: NOV

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	50.0			16.7						33.3		3.3	6
03-05	34.3			30.9						14.9	20.0	4.3	175
06-08	12.9			40.5						25.6	21.0	5.6	575
09-11	11.3			40.5						30.6	17.0	5.7	618
12-14	5.7			39.9						39.2	15.1	6.2	609
15-17	4.5			39.4						37.1	19.0	6.4	536
18-20	17.1			47.5						19.1	16.3	4.8	257
21-23	40.5			41.7						9.5	8.3	2.9	84
TOTALS	22.0			37.1						26.2	14.7	4.9	2860

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: DEC

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	50.0			40.0						10.0		2.1	10
03-05	33.3			16.6						18.1	29.9	5.2	144
06-08	15.0			32.6						24.6	27.7	6.0	585
09-11	9.7			35.4						30.4	24.5	6.3	632
12-14	6.7			35.9						36.2	21.2	6.5	613
15-17	4.5			36.3						37.2	20.1	6.5	538
18-20	16.3			36.5						25.4	21.8	5.6	252
21-23	32.4			32.4						14.9	20.3	4.3	74
TOTALS	21.0			33.7						24.0	20.7	5.3	2808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

STATION NUMBER: 74790J STATION NAME: AVON PARK (RNG) FL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)		1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	30.0		26.9						21.6	19.5	4.8	3146
FEB		22.9		34.9						24.7	17.6	5.0	3216
MAR		22.5		35.9						25.7	15.9	5.0	3479
APR		29.4		46.9						20.6	9.1	4.0	3288
MAY		16.2		42.5						29.4	11.9	5.1	3423
JUN		11.9		45.3						35.1	12.7	5.6	3525
JUL		7.5		41.0						37.8	13.8	6.0	3514
AUG		5.6		43.1						37.0	14.3	6.1	3631
SEP		11.1		40.9						32.6	15.4	5.7	2927
OCT		23.1		42.2						25.2	9.6	4.5	3358
NOV		22.0		37.1						26.2	14.7	4.9	2860
DEC		21.0		33.7						24.6	20.7	5.3	2848
TOTALS		18.6		36.5						28.4	14.6	5.2	39215

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

USE WITH CAUTION
SEE FIRST PAGE

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

NOT AVAILABLE

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This summary has been temporarily discontinued for the LISOCs pending the advent of RUSSWO-2 in mid 1986.

USE WITH CAUTION
SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747960 AVON PARK (RNG) FL

76-86

HRS. (L.S.T.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
MEAN	57.0	53.5	59.4	65.9	67.3	73.0	74.4	74.6	74.2	69.7	61.7	53.2	64.7
S.D.	9.123	11.163	3.639	3.639	3.560	2.265	1.408	1.830	1.759	2.358	4.967	9.659	10.323
TOTAL OBS	1	65	18	38	19	32	16	23	16	16	6	10	260
MEAN	49.3	53.3	58.0	61.4	66.1	71.9	73.4	74.1	72.7	67.3	61.4	56.9	66.4
S.D.	10.476	9.613	7.811	6.135	4.392	2.412	1.979	1.868	2.288	5.048	7.354	9.531	9.296
TOTAL OBS	187	200	216	235	416	425	404	449	354	387	183	154	3610
MEAN	49.3	53.6	59.1	64.2	70.4	76.1	77.2	76.7	74.7	68.7	61.5	56.3	65.7
S.D.	10.726	9.415	8.224	6.433	5.419	4.092	3.824	3.478	3.367	5.581	8.015	9.928	11.674
TOTAL OBS	669	626	696	647	673	679	665	689	594	654	590	612	7794
MEAN	58.1	62.8	69.6	75.8	81.5	85.7	86.8	85.8	83.7	78.6	71.1	64.6	75.3
S.D.	10.021	6.989	7.673	5.264	4.590	3.567	3.076	3.217	3.458	5.044	7.419	9.527	11.551
TOTAL OBS	687	651	726	666	666	681	670	690	593	665	618	637	7950
MEAN	66.4	69.8	75.8	81.0	86.1	89.2	89.5	88.6	87.0	82.9	76.6	71.4	80.3
S.D.	9.097	8.852	7.559	5.350	5.374	4.847	4.522	4.686	4.353	4.476	6.552	6.568	10.140
TOTAL OBS	674	622	698	656	641	661	645	670	573	659	611	616	7728
MEAN	66.8	70.2	76.3	81.0	85.4	86.8	86.3	86.1	84.8	81.6	75.4	71.3	79.1
S.D.	8.594	8.553	7.182	5.737	6.112	6.538	6.512	5.745	5.401	4.614	6.082	8.063	9.578
TOTAL OBS	678	573	646	606	556	561	548	560	447	580	537	543	6765
MEAN	58.1	63.3	69.5	73.6	77.7	80.1	80.3	79.3	79.0	73.8	68.2	64.0	72.8
S.D.	9.414	8.695	7.866	6.010	5.527	5.417	5.032	4.157	4.053	5.039	6.272	8.408	9.558
TOTAL OBS	262	327	364	330	347	337	381	347	251	328	257	252	3783
MEAN	56.2	57.5	63.8	65.5	71.9	75.9	76.9	76.1	75.5	70.5	64.1	60.6	68.4
S.D.	9.958	8.616	8.268	5.080	4.293	2.841	2.873	2.286	2.521	4.256	6.808	8.087	9.381
TOTAL OBS	87	178	144	127	138	154	159	152	100	86	84	74	1483
MEAN	59.1	62.7	69.0	73.8	78.1	82.0	82.6	82.0	80.6	76.0	70.0	65.0	73.7
S.D.	11.944	11.169	10.388	9.256	9.015	7.643	7.148	6.732	6.609	7.794	9.213	10.872	11.999
TOTAL OBS	3175	3242	3508	3305	3456	3530	3488	3580	2928	3375	2886	2900	39373

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747960 AVON PARK (RNG) FL

76-86

STATION

STATION NAME

YEARS

HRS. (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
MEAN	56.0	52.2	57.4	64.9	65.4	70.6	72.3	73.4	73.2	67.7	60.7	52.1	63.2
S.D.		9.057	12.103	3.525	3.533	1.777	1.493	1.616	1.797	3.143	4.967	10.450	10.411
TOTAL OBS	1	63	18	31	19	32	16	23	16	12	6	10	247
MEAN	48.4	52.7	56.3	59.4	64.6	70.6	72.1	73.1	71.9	66.3	60.2	55.8	65.2
S.D.	10.725	9.858	8.148	6.624	4.569	2.501	1.971	1.644	2.292	5.304	7.848	9.851	9.393
TOTAL OBS	183	191	200	223	414	425	402	446	354	386	183	154	3561
MEAN	48.1	52.3	56.8	61.1	67.4	73.3	74.3	74.6	73.1	67.1	60.2	55.0	63.8
S.D.	11.026	9.780	8.464	6.646	4.753	3.036	2.704	2.366	2.728	5.714	8.494	10.375	11.356
TOTAL OBS	653	608	640	617	670	679	662	684	594	651	590	609	7657
MEAN	54.3	58.2	62.8	66.7	71.9	77.4	78.8	78.6	77.3	72.2	66.0	60.4	68.8
S.D.	10.306	8.923	7.564	5.330	3.833	2.226	2.406	1.804	2.479	5.127	7.622	9.580	10.369
TOTAL OBS	665	631	671	636	662	681	667	685	590	662	618	634	7802
MEAN	58.7	61.2	65.1	68.0	72.8	78.0	79.1	79.0	77.6	73.3	68.1	63.9	70.4
S.D.	9.085	8.192	6.846	5.122	3.990	2.396	2.726	2.325	2.518	4.468	6.829	8.446	9.035
TOTAL OBS	654	604	649	629	636	660	645	667	571	657	607	615	7594
MEAN	58.5	60.8	65.0	67.5	72.0	76.8	77.6	77.9	76.7	72.5	67.4	63.7	69.5
S.D.	8.635	7.950	6.338	5.156	4.038	2.633	3.089	2.537	2.522	4.384	6.480	8.207	8.667
TOTAL OBS	595	554	595	581	550	561	548	556	443	579	533	540	6635
MEAN	53.5	57.4	61.8	63.6	69.4	74.4	75.5	75.5	74.9	69.1	64.5	60.7	67.1
S.D.	9.461	8.433	7.443	5.665	4.131	2.360	2.949	2.396	2.243	5.043	6.581	8.525	9.220
TOTAL OBS	253	321	343	315	344	336	381	341	250	324	255	249	3717
MEAN	54.0	54.7	59.4	59.6	67.2	72.8	74.1	74.1	73.7	67.9	62.1	59.0	65.4
S.D.	9.255	8.316	8.556	6.328	4.101	1.844	2.453	1.979	1.971	4.678	6.805	8.053	9.545
TOTAL OBS	86	174	138	121	136	154	159	151	100	83	84	73	1459
MEAN	54.3	57.4	61.8	64.9	69.8	75.3	76.4	76.6	75.4	70.4	64.9	60.3	67.6
S.D.	10.699	9.440	8.219	6.517	5.084	3.590	3.630	3.126	3.278	5.698	7.984	9.809	10.136
TOTAL OBS	3095	3146	3254	3153	3431	3528	3480	3553	2918	3354	2876	2884	38672

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747960 AVON PARK (RNG) FL

76-85

HRS. (L.S.T.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
0-02	MEAN	50.6	55.3	63.9	64.4	69.5	71.5	73.0	72.6	66.7	59.7	50.9	62.0
	S.D.	9.858	13.940	3.807	3.862	2.079	1.789	1.809	2.049	3.892	4.967	11.976	11.141
	TOTAL OBS	1	63	31	19	32	16	23	16	12	6	10	247
3-05	MEAN	47.1	51.6	58.0	63.8	70.1	71.6	72.8	71.7	65.7	59.4	54.9	64.6
	S.D.	11.710	10.753	7.591	4.904	2.779	2.136	1.730	2.380	5.658	8.568	10.492	9.950
	TOTAL OBS	153	191	223	414	425	402	446	354	386	183	154	3561
6-09	MEAN	46.7	51.1	58.9	65.8	72.2	73.2	73.7	72.6	66.3	59.2	53.9	62.6
	S.D.	12.192	10.665	7.869	5.065	3.083	2.645	2.164	2.641	6.117	9.335	11.343	11.930
	TOTAL OBS	653	608	617	670	679	662	684	594	651	590	609	7657
9-11	MEAN	50.3	54.5	61.0	67.1	74.0	75.7	75.9	74.7	69.1	62.9	57.4	65.2
	S.D.	12.384	10.770	7.722	5.419	2.980	2.958	2.098	2.945	6.336	9.219	11.214	11.575
	TOTAL OBS	665	631	636	662	681	667	685	590	662	618	634	7802
12-14	MEAN	52.6	54.6	60.0	66.0	73.6	75.1	75.4	73.8	68.6	63.1	58.8	65.0
	S.D.	11.908	10.953	7.990	6.196	3.215	3.308	2.625	3.087	5.903	8.885	10.634	11.099
	TOTAL OBS	654	604	629	636	660	645	667	571	657	607	615	7594
15-17	MEAN	52.0	53.4	59.0	65.0	72.6	74.2	74.8	73.3	68.0	62.5	58.4	64.0
	S.D.	11.485	11.108	8.343	6.293	3.273	3.265	2.606	3.071	5.961	8.767	10.631	11.139
	TOTAL OBS	595	554	581	550	561	548	556	443	579	533	540	6635
18-20	MEAN	49.4	52.4	56.8	64.9	71.9	73.5	73.9	73.3	66.6	62.2	58.4	63.7
	S.D.	11.291	10.678	8.274	5.686	2.916	2.903	2.336	2.369	5.940	7.625	9.528	10.977
	TOTAL OBS	253	321	315	344	336	381	341	250	324	255	249	3717
21-23	MEAN	51.9	52.1	55.0	64.7	71.4	72.8	73.1	72.9	66.7	61.0	57.7	63.4
	S.D.	10.680	9.311	9.062	5.046	2.250	2.766	2.120	2.042	5.298	7.146	8.546	10.725
	TOTAL OBS	86	174	121	136	154	159	151	100	83	84	73	1459
ALL HOURS	MEAN	50.2	53.1	56.9	65.6	72.5	74.0	74.5	73.3	67.6	61.8	57.1	64.1
	S.D.	12.099	10.823	8.137	5.685	3.278	3.207	2.527	2.945	6.118	8.985	10.934	11.288
	TOTAL OBS	3095	3146	3254	3431	3528	3480	3553	2918	3354	2876	2884	38672

RELATIVE HUMIDITY

74796J
STATION

AVON PARK (RNG) FL
STATION

77-86

JAN 1964

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	96.7	90.7	63.4	91.3	183
	06-08	100.0	100.0	100.0	100.0	99.2	98.3	96.0	88.4	64.6	90.6	653
	09-11	100.0	100.0	100.0	98.8	95.6	86.0	70.1	47.7	20.9	77.8	665
	12-14	100.0	100.0	98.5	93.1	77.7	54.4	28.7	14.1	4.6	62.7	654
	15-17	100.0	100.0	98.5	88.9	74.6	49.6	23.4	12.1	3.2	60.8	595
	18-20	100.0	100.0	99.6	99.2	93.8	82.6	62.4	34.5	5.8	73.8	258
	21-23	100.0	100.0	100.0	100.0	100.0	95.3	89.5	75.6	27.9	85.0	86
TOTALS		100.0	100.0	99.6	97.5	92.6	83.1	70.9	57.9	36.3	79.4	3095

STATION
747967

STATION NAME
AVON PARK (RNG) FL

77-86

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

PERIOD

833

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-02	100.0	100.0	100.0	100.0	100.0	100.0	95.2	84.1	46.0	88.2	63
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	96.9	92.7	73.3	92.2	191
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	95.6	88.0	65.6	90.9	608
	09-11	100.0	100.0	99.8	97.5	94.6	84.3	63.5	40.1	13.8	75.2	631
	12-14	100.0	99.8	97.0	88.7	72.2	47.4	22.0	9.9	4.3	59.9	604
	15-17	100.0	99.8	94.4	83.6	62.5	37.5	20.9	11.0	3.8	57.0	554
	18-20	100.0	100.0	98.1	94.4	88.5	71.0	48.9	24.3	2.2	68.6	321
	21-23	100.0	100.0	100.0	100.0	98.9	97.7	86.8	56.9	14.9	81.3	174
TOTALS		100.0	100.0	98.7	95.5	89.6	79.5	66.2	50.9	28.0	76.7	3146

STATION
747963

STATION NAME
AVON PARK (RNG) FL

77-86

PERIOD

Q A I

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	83.3	66.7	55.6	86.4	18
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	95.0	86.0	60.5	90.4	200
	06-08	100.0	100.0	100.0	99.8	98.8	96.6	91.7	78.1	48.9	87.7	640
	09-11	100.0	99.9	98.2	95.8	88.4	69.7	46.5	24.1	6.0	68.3	671
	12-14	100.0	99.1	95.7	86.4	60.9	30.2	13.7	6.6	3.2	55.6	649
	15-17	100.0	99.0	93.4	84.0	52.4	27.6	14.5	7.9	3.0	53.9	595
	18-20	100.0	99.4	98.5	94.2	81.6	61.8	35.6	16.6	6.7	65.1	343
	21-23	100.0	100.0	100.0	99.3	97.1	88.4	71.0	47.1	15.2	77.2	138
TOTALS		100.0	99.7	98.2	94.9	84.9	71.7	56.4	41.6	24.9	73.1	3254

747960 STATION AVON PARK (RNG) FL 77-86 PERIOD MONTH APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	67.7	91.8	31
	03-05	100.0	100.0	100.0	100.0	99.6	98.2	93.3	86.5	56.1	89.3	223
	06-08	100.0	100.0	100.0	99.4	98.4	95.3	86.1	66.6	29.7	83.5	617
	09-11	100.0	100.0	98.4	94.8	78.3	51.6	25.3	7.2	1.1	61.1	636
	12-14	100.0	99.7	95.7	76.8	46.1	18.4	5.7	2.2	1.0	50.0	629
	15-17	100.0	98.6	93.3	68.3	38.9	18.4	9.0	3.8	1.4	48.8	581
	18-20	100.0	99.7	98.1	87.6	65.7	40.3	18.1	6.0	1.0	57.1	315
	21-23	100.0	100.0	100.0	96.7	88.4	71.9	51.2	30.6	5.0	70.1	121
TOTALS		100.0	99.8	98.2	90.5	76.9	61.8	48.6	37.5	20.4	69.0	3153

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HCURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.7	47.4	90.3	19
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	97.3	59.7	92.3	414
	06-08	100.0	100.0	100.0	100.0	100.0	98.5	91.5	73.9	31.9	85.7	670
	09-11	100.0	100.0	99.8	97.7	83.8	52.3	25.1	10.9	1.8	62.7	662
	12-14	100.0	100.0	98.7	79.7	47.6	23.7	11.6	5.7	2.4	52.7	636
	15-17	100.0	100.0	98.2	76.2	45.1	25.3	13.6	8.4	3.6	52.7	550
	18-20	100.0	100.0	100.0	96.8	85.5	58.7	36.3	21.2	7.8	66.5	344
	21-23	100.0	100.0	100.0	100.0	99.3	93.4	80.1	48.5	17.6	78.8	136
TOTALS		100.0	100.0	99.6	93.8	82.7	69.0	57.2	45.1	21.5	72.7	3431

747960
STATION

STATION NAME
AVON PARK (RNG) FL

77-86

PERIOD

JUN

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.6	34.4	88.7	32
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	65.4	93.8	425
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	96.9	80.0	35.1	87.7	679
	09-11	100.0	100.0	100.0	100.0	97.1	81.6	35.7	10.4	1.8	68.4	681
	12-14	100.0	100.0	100.0	98.0	82.6	45.2	15.2	7.0	3.0	60.8	660
	15-17	100.0	100.0	99.8	96.3	81.3	53.1	29.6	19.1	7.7	64.5	561
	18-20	100.0	100.0	100.0	98.8	96.7	86.9	65.5	43.2	18.8	77.2	336
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	94.8	75.3	28.6	86.1	154
TOTALS		100.0	100.0	100.0	99.1	94.7	83.0	67.2	53.1	24.4	78.4	3528

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	25.0	90.4	16
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66.9	93.7	402
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.6	82.2	31.4	87.5	662
	09-11	100.0	100.0	100.0	100.0	99.4	91.6	41.2	6.6	.6	69.7	667
	12-14	100.0	100.0	100.0	99.8	93.0	54.9	17.7	7.3	2.5	63.1	645
	15-17	100.0	100.0	100.0	100.0	88.9	64.2	40.1	22.1	10.2	68.6	548
	18-20	100.0	100.0	100.0	100.0	99.7	95.5	78.5	52.8	15.7	80.4	381
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	83.0	29.6	87.3	159
TOTALS		100.0	100.0	100.0	100.0	97.6	88.2	71.7	56.8	22.7	80.1	3480

STATION	STATION NAME	PERIOD	MONTH
74796J	AVON PARK (RNG) FL	77-86	AUG

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	65.2	94.6	23
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	84.1	95.3	446
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	91.1	47.5	90.5	684
	09-11	100.0	100.0	100.0	100.0	100.0	96.2	54.7	13.7	1.3	72.5	685
	12-14	100.0	100.0	100.0	100.0	96.9	62.8	22.8	12.0	3.7	65.6	667
	15-17	100.0	100.0	100.0	100.0	95.1	73.6	41.7	21.6	9.0	70.0	556
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	90.3	63.3	20.5	83.6	341
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.4	40.4	90.2	151
TOTALS		100.0	100.0	100.0	100.0	99.0	91.5	76.1	61.8	34.0	82.8	3553

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	16
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.1	354
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.7	96.8	62.3	594
	09-11	100.0	100.0	100.0	100.0	100.0	97.8	63.6	21.4	3.6	590
	12-14	100.0	100.0	100.0	100.0	96.1	70.2	21.7	8.4	4.0	571
	15-17	100.0	100.0	100.0	100.0	94.8	72.7	39.1	21.2	12.2	443
	18-20	100.0	100.0	100.0	100.0	100.0	98.4	85.2	58.4	25.6	250
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	44.0	100
TOTALS		100.0	100.0	100.0	100.0	98.9	92.4	76.2	62.8	39.9	2918

STATION	STATION NAME	PERIOD	MONTH
74796C	AVON PARK (RNG) FL	76-85	OCT

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.7	50.0	91.3	12
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.4	78.8	94.4	386
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.5	94.0	59.9	92.0	651
	09-11	100.0	100.0	100.0	100.0	98.5	86.3	59.4	25.7	3.3	73.0	662
	12-14	100.0	100.0	100.0	99.5	91.0	57.2	19.0	6.1	.9	62.7	657
	15-17	100.0	100.0	100.0	99.1	90.2	59.6	25.6	9.8	3.1	64.2	579
	18-20	100.0	100.0	100.0	100.0	99.4	96.9	81.2	42.3	8.0	78.3	324
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.6	90.4	26.5	88.0	83
TOTALS		100.0	100.0	100.0	99.8	97.4	87.5	72.6	57.3	28.8	80.5	3354

NOV

MONTH

0-87-5 (OL A)

747967

AVON PARK (RNG) FL

76-85

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	80.0	91.6	10
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.4	91.6	73.4	93.0	154
	06-08	100.0	100.0	100.0	100.0	99.7	98.7	95.6	89.2	66.3	91.7	609
	09-11	100.0	100.0	100.0	99.5	97.2	88.2	71.9	48.9	18.9	78.4	634
	12-14	100.0	100.0	100.0	96.7	86.7	59.2	35.0	15.1	5.5	65.4	615
	15-17	100.0	100.0	99.3	95.9	84.1	60.0	31.1	16.1	6.5	65.1	540
	18-20	100.0	100.0	100.0	100.0	100.0	98.4	88.8	56.2	18.9	82.1	249
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.6	91.8	43.8	89.4	73
TOTALS		100.0	100.0	99.9	99.0	96.0	88.1	76.1	62.4	39.2	82.1	2884

RELATIVE HUMIDITY

STATION 747965 AVON PARK (RNG) FL 76-86 PERIOD MONTH ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.6	97.5	92.6	83.1	70.9	57.9	36.3	79.4	3095
FEB		100.0	100.0	98.7	95.5	89.6	79.5	66.2	50.9	28.0	76.7	3146
MAR		100.0	99.7	98.2	94.9	84.9	71.7	56.4	41.6	24.9	73.1	3254
APR		100.0	99.8	98.2	90.5	76.9	61.8	48.6	37.5	20.4	69.0	3153
MAY		100.0	100.0	99.6	93.8	82.7	69.0	57.2	45.1	21.5	72.7	3431
JUN		100.0	100.0	100.0	99.1	94.7	83.0	67.2	53.1	24.4	78.4	3528
JUL		100.0	100.0	100.0	100.0	97.6	88.2	71.7	56.8	22.7	80.1	3480
AUG		100.0	100.0	100.0	100.0	99.0	91.5	76.1	61.8	34.0	82.8	3553
SEP		100.0	100.0	100.0	100.0	98.9	92.4	76.2	62.8	39.9	83.6	2918
OCT		100.0	100.0	100.0	99.8	97.4	87.5	72.6	57.3	28.8	80.5	3354
NOV		100.0	100.0	99.9	99.4	96.2	87.1	76.3	63.1	39.5	81.8	2876
DEC		100.0	100.0	99.9	99.0	96.0	88.1	76.1	62.4	39.2	82.1	2884
TOTALS		100.0	100.0	99.5	97.5	92.2	81.9	68.0	54.2	30.0	78.4	38672

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

USE WITH CAUTION
SEE FIRST PAGE

PART : PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCF. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

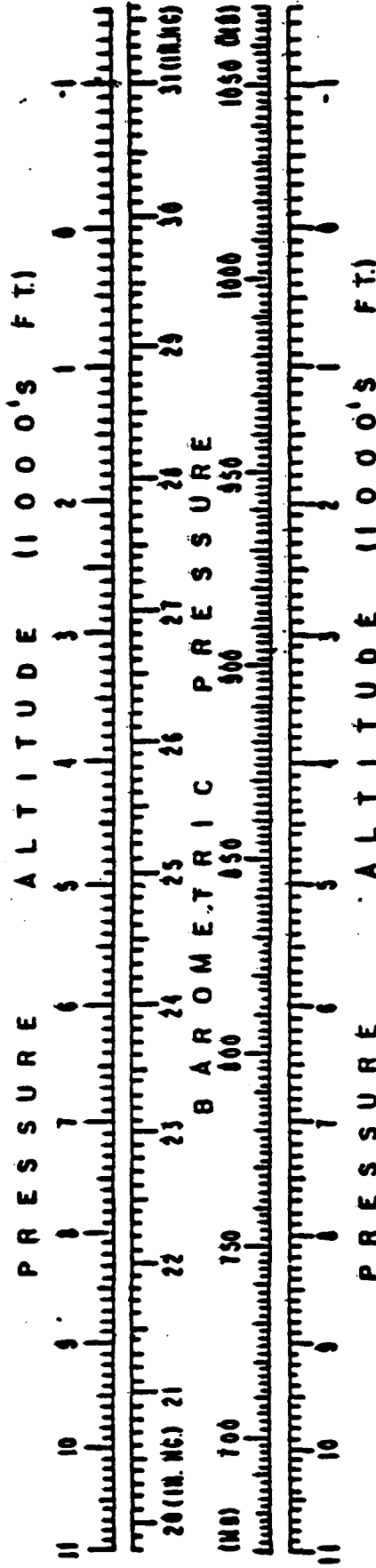
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



USE WITH CAUTION
SEE FIRST PAGE

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

747960 AVON PARK (RNG) FL

76-86

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN 30.060 S.D. .146 TOTAL OBS 21	30.060 .146 21	30.026 .152 5	29.952 .168 13	29.943 .033 6	29.988 .053 10	29.940 .045 4	29.960 .068 5	29.837 .067 3	29.902 .049 6	29.005 .073 2	29.880 .140 3	29.980 .132 78
04	MEAN 29.982 S.D. .152 TOTAL OBS 25	29.988 .118 38	29.959 .143 43	29.921 .122 55	29.902 .096 174	29.920 .068 162	29.956 .053 152	29.942 .066 180	29.891 .067 136	29.916 .081 146	29.994 .073 36	29.969 .140 14	29.930 .087 1163
07	MEAN 30.040 S.D. .136 TOTAL OBS 224	30.009 .137 259	29.977 .165 232	29.966 .121 215	29.926 .087 226	29.946 .070 227	29.987 .058 224	29.968 .068 234	29.919 .068 199	29.942 .092 220	29.991 .102 199	29.830 .121 207	29.976 .113 2616
10	MEAN 30.080 S.D. .140 TOTAL OBS 225	30.043 .141 220	30.011 .166 241	29.991 .124 221	29.943 .091 222	29.961 .074 223	29.908 .060 223	29.991 .067 231	29.946 .072 196	29.971 .094 222	29.027 .103 207	29.804 .121 214	30.005 .119 2648
13	MEAN 30.022 S.D. .140 TOTAL OBS 220	30.042 .141 220	29.975 .166 234	29.958 .125 218	29.912 .094 216	29.935 .074 224	29.986 .061 215	29.967 .068 227	29.917 .069 193	29.929 .091 220	29.978 .105 204	29.803 .119 205	29.968 .116 2590
16	MEAN 29.990 S.D. .134 TOTAL OBS 220	29.964 .135 192	29.925 .163 217	29.911 .125 204	29.873 .098 193	29.902 .077 195	29.953 .061 188	29.930 .072 194	29.868 .088 154	29.896 .096 274	29.946 .104 190	29.999 .121 191	29.931 .118 2327
19	MEAN 30.022 S.D. .126 TOTAL OBS 200	29.988 .134 106	29.955 .138 111	29.914 .126 100	29.899 .096 113	29.913 .074 114	29.963 .066 127	29.944 .072 117	29.878 .105 84	29.943 .088 111	29.972 .096 88	29.802 .113 88	29.951 .112 1244
22	MEAN 30.060 S.D. .148 TOTAL OBS 24	30.039 .121 56	30.003 .133 46	29.980 .148 38	29.954 .075 36	29.939 .073 48	29.983 .057 47	29.971 .089 47	29.897 .072 30	29.951 .060 23	29.010 .105 22	29.802 .133 21	29.983 .112 438
ALL HOURS	MEAN 30.032 S.D. .140 TOTAL OBS 1017	30.007 .139 1050	29.973 .163 1129	29.952 .129 1064	29.913 .094 1186	29.933 .075 1203	29.978 .063 1180	29.960 .072 1235	29.908 .080 997	29.934 .093 1152	29.986 .105 948	29.830 .124 943	29.966 .117 13104

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

76-86

AVON PARK (RNS) FL

74796

STATION		YEARS												ANNUAL
		STATION NAME												
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
01	MEAN	1020.6	1018.0	1017.1	1015.5	1016.6	1018.2	1016.5	1017.1	1013.0	1015.2	1018.8	1014.5	1017.9
	S.D.	4.957	5.483	5.483	5.697	1.326	1.892	1.636	2.296	3	1.654	2	3	4.487
	TOTAL OBS	51	5	5	17	5	10	4	5	3	6	2	3	78
04	MEAN	1017.7	1018.0	1017.1	1015.5	1015.2	1015.8	1017.1	1016.6	1014.8	1015.7	1018.5	1017.1	1016.1
	S.D.	5.241	4.032	4.858	3.964	2.894	2.306	1.832	2.230	2.262	2.748	2.425	4.639	2.938
	TOTAL OBS	24	37	42	52	174	161	153	179	138	144	33	12	1149
07	MEAN	1019.8	1018.8	1017.7	1017.4	1016.0	1016.7	1018.1	1017.4	1015.8	1016.6	1018.2	1019.9	1017.7
	S.D.	4.655	4.709	5.608	4.074	2.949	2.380	1.964	2.293	2.312	3.100	3.438	4.116	3.850
	TOTAL OBS	224	209	232	215	226	226	224	234	199	220	198	207	2614
10	MEAN	1021.2	1020.0	1018.9	1018.2	1016.6	1017.2	1018.8	1018.2	1016.7	1017.5	1019.4	1021.4	1018.7
	S.D.	4.765	4.777	5.662	4.212	3.392	2.481	2.024	2.264	2.414	3.163	3.488	4.048	4.023
	TOTAL OBS	228	220	241	222	222	224	224	231	197	223	207	213	2652
13	MEAN	1019.2	1018.7	1017.7	1017.1	1015.5	1016.3	1018.1	1017.4	1015.7	1016.1	1017.8	1019.6	1017.4
	S.D.	4.730	4.761	5.623	4.219	3.199	2.516	2.055	2.312	2.330	3.073	3.550	4.025	3.922
	TOTAL OBS	226	208	234	219	216	224	215	227	193	220	204	206	2592
16	MEAN	1018.2	1017.3	1016.0	1015.5	1014.2	1015.2	1016.9	1016.2	1014.1	1015.0	1016.7	1018.5	1016.2
	S.D.	4.520	4.561	5.515	4.247	3.317	2.593	2.073	2.432	2.976	3.225	3.531	4.071	3.986
	TOTAL OBS	205	193	217	203	193	195	187	194	154	204	189	191	2325
19	MEAN	1019.3	1018.1	1017.4	1015.6	1015.1	1015.6	1017.3	1016.6	1014.4	1016.6	1017.6	1019.5	1016.9
	S.D.	4.243	4.539	4.696	4.247	3.246	2.502	2.235	2.443	3.546	2.951	3.243	3.845	3.791
	TOTAL OBS	95	176	110	100	113	114	127	117	84	111	88	88	1243
22	MEAN	1020.6	1019.8	1018.6	1017.8	1017.0	1016.5	1017.9	1017.5	1014.9	1016.9	1018.9	1019.4	1018.0
	S.D.	5.009	4.084	4.536	5.028	2.511	2.454	1.956	3.021	2.367	2.026	3.516	4.531	3.787
	TOTAL OBS	24	56	45	38	76	48	47	47	28	23	22	21	435
ALL HOURS	MEAN	1019.6	1018.7	1017.6	1016.9	1015.6	1016.3	1017.8	1017.2	1015.4	1016.3	1018.1	1019.8	1017.4
	S.D.	4.761	4.721	5.525	4.347	3.178	2.550	2.123	2.440	2.710	3.153	3.555	4.197	3.953
	TOTAL OBS	1016	1050	1126	1062	1106	1202	1181	1234	996	1151	943	941	13088